Section I

File No. 216 G
of 1914-15 to
1919-20.

Serials. 16-28

Mysore Series

P-1062 E

Railway Secretariat.

Sanctions. Estimates for the Survey of Shimoga - Bhatkal Railway.

Sl. 5. Notn. No. 1227-28 dt 5. 11. 15 notifying that certain lands in Shimoga dist. are required for Shimoga - Bhatkal Rly.

Sl. 8. G. O. No. 1221-26 dt 5-11-15 Sanctioning an Est. for Rs 23,000 for the above Survey.

Sl. 20. (a) Note. No. 7908 dt 12. 8. 1916 of the Govt. of India requesting the Collector of North Canara to afford facilities to the Survey parties of Shimoga Bhatkal Rly.

Sl. 23. Memo. No. 3646 dt 15/18th May 1917 the agency bound information that Govt have sanctioned an extension of time up to Sept. 1918 for the above Survey.

Sl. 26 G. O. No. 3077-83 dt 9-4-1918 Sanctioning an Est. for Rs 1,31,726 for the above Survey. * revised

Sl. 27. G. O. No. 3404-10 dt 21.6.19 Sanctioning a re-revised Est. amtg. 2,11,677 for the above.

Sl. 28. Letter no. 1406-07 dt 4-2-20. Commung. Sanction to the extension of time ie till 31st May 1920 for the above Survey.

D no. 980 dt 30.1.15

REPLY.

(To be written on this margin.)

Office of the Dewan of Mysore.

NOTE.

Dated.....30th..January.....*191* 5.

Will the Railway Secretary kindly state very approximately what the following lines of railway are likely to cost:-

(1) A 2'-6" line from Shimoga to Bhatkal (a port south of Honnavar in North Canara).

The line may take off from the main line at Anantapur and pass through Karur down the Ghat.

(2) The same line if on the metre guage.

(3) For continuing the 2ft guage Tarikere-Yedahalli Tramway to Sringeri via Koppa .

I shall be obliged if the Railway Secretary will kindly arrange to discuss this matter with me some time after his return to head quarters.

30.1.15. RG

Submitted

1.2.15.

ask if Friday will suit for discussion purpose to go out to Tarikere Wednesday next in connection with relaxation of Railway limit Koppa - Tarikallo

Sd.
3/2.

No 536
Encl 2 + 1 plan

RY. SJ GPB—1,000—21-12-14

MYSORE RAILWAY DEPARTMENT.

TO THE DEWAN OF MYSORE

FOR INFORMATION.

—o—

As desired in para 1 of your Memo No.980 dated the 30th January 1915 (Extract put up), I beg to enclose herewith a preliminary note on a line of Railway from Shimoga towards Bhatkal, a port on the West Coast.

R. A. Bell

Secretary for Railways,
Government of Mysore.

Bangalore,
4th May 1915.

2123
5.5.15

R

Seen. Thanks.

I shall be obliged if the Secretary will kindly furnish a short note on the work already done so far by the Railway Department in connection with the survey for the feeder lines in the Shimoga District.

A change of alignment from the original programme may be necessary if it is decided to continue the line on to Bhatkal.

RB
10.5.15.

Recdm 12.5.15

Submitted to Secy

M

Preliminary note on a line of railway from Shimoga towards Bhatkal, a port on the West Coast.

This note is based entirely on a study of the topo sheets and the sections of the new road now under construction from Sagar to Bhatkal and therefore deals only in general terms with the possible alignment.

A detailed survey is at present being carried out by this Department for a line of railway on the 2'-6" gauge from Shimoga to Anantapur and Sagar, and this could be utilized for the line to Bhatkal as far either as Arasalu or Anantapur.

There seems, however, to be no object in going as far north as Anantapur but alternative lines have been shewn on the plan which accompanies this note, - - giving the probable alignment from both Arasalu and Anantapur to the head of the ghat.

Starting from Arasalu the line would follow the road to Riponpet in easy country. It has then been shewn as making nearly due west to the Haridravati river. It is believed that this country is easy and that such a line is feasible. It then follows the valley of this river up to its junction with the Sharavati, and thence

be little doubt but that a fairly easy alignment is obtainable on this route. After crossing the Sharavati, the line as suggested goes due west to cross a tributary of this river. As far as can be gathered from the topo sheets, this should be fairly level country. After crossing this tributary, the line follows its valley and is now alongside the new Sagar-Bhatkal road and judging by the sections thereof, there should be no difficulty in finding a suitable alignment up to the river crossed about 2 miles from the head of the ghat.

From this river to the top of the ghat (road alignment) there is a rise of 275 feet in a distance of 2 miles. Assuming a ruling grade of 1 in 40 and an average of 1 in 50, we can rise or fall 100 feet per mile, so 2¾ miles of development would be necessary and there should be no difficulty about this.

The drop on the other side is however very severe amounting to 1716' in 9 road miles. This would require 17 miles of railway and would probably be best obtained by developing in the foot hills near the bottom of the ghat where easier country can probably be found than farther in amongst the mountains. Of course if a suitable place can be found for a summit tunnel, it might be possible to save perhaps 200' of rise and 2 miles of railway. No estimate is put forward, because without going over the ground it is impossible even to hazard a guess

the cost of a line. The ghat section -- might cost on the Metre Gauge anything from 1 lakh a mile up to 3 or 4 lakhs if much tunnelling should prove to be necessary. On the 3'-6" gauge it might cost anything between Rs.70,000 to say Rs.1,50,000. East of the ghat head, the cost of the line -- might be from Rs.80,000 to Rs.1,20,000 a mile on the Metre Gauge and from Rs.50,000 to 75,000 a mile on the 3'-6" gauge.

E. A. Bell

Secretary for Railways,
Government of Mysore.

583
1916.

RY. 8J

GPB—1,000—21-12-14

MYSORE RAILWAY DEPARTMENT.

TO THE DEWAN OF MYSORE

FOR INFORMATION.

—o—

With reference to your orders on this office Note No.556 dated 4th May 191[illegible] regarding the proposed line of railway from Shimoga to Bhatkal, I beg to state that the Executive Engineer, Shimoga Railway Survey Division, has reported that the field work is practically complete. The route followed is via Ayinur and Arasalu, thence direct to Tirthahalli on the one hand and Anantapur to Sagar on the other. I do not think the questio of a railway to Bhatkal need interfere with the preparation of the Shimoga District Rail project, since it is so far advanced.

A. A. Bell

Secretary for Railways,
Government of Mysore.

Bangalore,
15th May 1915.

14/5

7361
17.5.15.

The office secretary will kindly bring this up in person as may be necessary to hear questions & obtain definite instructions from Govt. for the future.

5.6.15. RC

Shew to the Dewan — He thinks that the line should be carried on from Sagar — Thereafter write Secy, Hogan 8/6/15 — 10/6 to E.N.C. 11-6-15

11/6/15 Submitted for Govt's perusal. 10/6

10/6/15.

1115 R
10-8-15

REPLY.

(To be written on this margin.)

Office of the Dewan of Mysore.

NOTE.

Dated 8th August *1915*.

Copies of correspondence between the Hon'ble Sir Hugh Daly and the Hon'ble Sir R.Lamb, Member of Council, Bombay, in the matter of the Bhatkal project.

---oOo---

Forwarded to the Secretary for Railways for information.

8.8.15. RB

The Secretary for Railways.

Submitted -
send copy to E-N. & request him
to kindly arrange for the necessary
staff & for Mr. Chetty the
Surveys Engineer Dec.
An Estimate for the Surveys
may please be submitted for
Sanction.
10.8.15. HJ
11815
11/8
Draft

Member of Council,
Bombay.

22 Queen's Gardens,

Poona, 26th July 1915.

Dear Sir Hugh Daly,

In consonance with what His Excellency said at the interview which you and Sir M.Vishveshvaraiya had with him on 24th instant, I write to intimate that the Governor in Council has no objection to the Mysore Durbar making a preliminary investigation of the prospects of a railway from Mysore to Bhatkal and of the possibilities of Bhatkal as a port, subject to the understanding that the reconnaissance is "without prejudice to us and we are not bound in any way in respect of our future views or action regarding the suggested railway.

I am writing to the Commissioner, Southern Division, Belgaum, and the Collector of Kanara to inform them of the facts and ask them to show to the Mysore Officers all the courtesy and afford them all the facilities in their power.

Yours sincerely,

Sd) R.A.Lamb.

C O P Y

B V Lakshman Rao

Letter dated the 1st August 1915 from the Hon'ble Sir Hugh Daly to the Hon'ble Sir R.Lamb, Member of Council, Bombay.

I am much obliged to you for your D.O. letter of the 26th July intimating that the Governor in Council had no objection to the proposed preliminary investigations by the Mysore Durbar in connection with the Bhatkal project.

It is fully understood by the Durbar that the investigations are "without prejudice" and that the Bombay Government preserve a perfectly free hand.

I must also thank you for the communications so kindly made to the Commissioner, N.D. and theCollector of Kanara. I shall be back at Bangalore in a few days and will keep your Government and your local officers informed of what the Durbar propose to do.

C O P Y

B. V Lakshmana Rao

THROUGH THE FINANCIAL SECRETARY TO GOVT.

RY. 6] No 159 Enc on GPRs-1,000-21-12-14

MYSORE RAILWAY DEPARTMENT.

TO THE DEWAN OF MYSORE

FOR SANCTION.

I beg to submit herewith, letter Page 3. No.8815 dated 30th August 1915 received from the Engineer-in-Chief, State Railway Construction Department, forwarding for sanction an estimate amounting to -- Rs.23,000 for a survey of a line of railway on the Metre Gauge from Shimoga to Bhatkal, a port in North Canara.

2. Under Government Order No.1796-1800/Ry.F.164-14-15 dated 22nd February 1915, the portion from Shimoga to Arasalu has already been surveyed for a 2'-6" gauge railway, but the Engineer-in-Chief is of opinion that the curvature and gradient adopted for this gauge is not suited to a through Metre Gauge line and that provision is therefore made in the estimate for -- revision and improvement of the general alignment. The proposed route from - Arasalu to Bhatkal is shown in the accom--panying ferro type.

3. It is proposed to start survey operations in the middle of October next by engaging two survey parties and the work is expected to be completed in eight months. In this connection, the --

Engineer-in-Chief states that separate application will be made for an additional Assistant Engineer on Rs.200 a month and any other additional staff that may be required.

4. In the circumstances explained above, the survey estimate now received may be kindly sanctioned. The expenditure on this account will be met from the total provision made under "Surveys" in the current year's budget of this Department.

5. A draft notification authorizing the survey party to enter upon lands, etc., in the Mysore territory is submitted for approval.

6. A draft letter to the Residency requesting to move the Government of Bombay to issue necessary instructions to the local authorities for affording facilities to the survey party is also submitted for approval.

For Offg. Secretary for Railways,
Government of Mysore.
(Secretary absent from head quarters).

Bangalore,
3rd September 1915.

435

G. R. S. 12]

General and Revenue Secretariat. | File No. | of 191

Serial No.

Kl & c 4-5-15.

422

Sub.
Govt Order
6/9/15

(Dewan)

Kg
8/9

The Survey may be sanctioned. This will exhaust the grant for surveys in the budget- thus :

Bhatkal Harbour Survey about Rs 6500
Narasimajpura - Sringeri about 5500
Shimoga - Bhatkal - - 23,000
35000

If further Surveys are to be taken up reappropriation or addl grant will be necessary.

(Dewan)

M
9/9/15

1347
10.9.15.

NOTE--Contn. sheet.

GPB—20,000—30-6-15

Submitted to His Highness.

Flag I

I solicit His Highness' sanction to the accompanying estimate amounting to Rs.23,000 for the survey of a line of Railway on the metre gauge from Shimoga to the port of -- Bhatkal in the North Canara District. The Financial Secretary states that the survey may be sanctioned and the cost met as suggested by the Railway Secretary, from the Budget allotment under "Surveys" made for the current year.

Flag 7.

Paper under disposal

2. It is proposed to start survey operations in the middle of next month by engaging two survey parties. The work is expected to be completed in about eight months.

Draft for approval A

3. The Government of Bombay will be requested through the Residency to issue instructions to their local officers to afford all necessary facilities to the party engaged on surveys between the Mysore frontier and the coast.

M. Visvesvaraya

27th Sept 1913

Record of Cases submitted for the Orders of His Highness the Maharaja.

Subject.

Estimate amounting to Rs. 23,000 for the survey of a metre gauge railway line from Shimoga to Bhatkal in the North Canara District.

989

Order.

~~KRW~~
30/9/15

Secretary for Rys/
1.10.15 RO

Issue a G.O.
The land notification has been initialled by the Dewan Saheb.
Mdu 3.10.15.

JJ/4/10

Sl. 5. Notn: issued vide no 1227-28 dt 5.11.15
Sl. 8. G. O. issued vide no: 1221-26 dt 5.11.15.

GPB—1,000—24-11-14

Railway Construction Department.

File No. 216 of 1917.

Serial No.	
	Permission for surveying the Pohatkal Reserve lying within the limits of the Bombay Presidency
17	The Agency Branch in memo No. 1379 of 16.2.17 requests that sanction of Government of Bombay may be obtained for the above purpose.

From slip B.C. & D. it will be seen that this question was once taken up before in July 1915 & then decided that it was not necessary to address the Residency in the matter as Mr. R.A. Lamb, member of Council, Bombay, had clearly said that he would write to the Collr. Southern Division, Belgaum & the Collector of Kanara to inform them of the fact and ask them to show to the Engg. Officers employed on the work all the courtesy & afford them all the facilities in their power.

In these circumstances

no reference to Residency now officers necessary.

Mr. Rice may accordingly be informed this if he thinks any reference is necessary to the Collector or Canal for any particular help from them, he may himself make —

I think formal permission under upon hunting forest timber is necessary & the same must be stamped.

9.2.17

I think also, the mines & the Survey parties may have to make some marks in private hills which should not be obliterated. For this purpose a formal notification of the boundaries first is necessary. A Rough note explaining facts of the case and seeking advice of Govt. may be prepared.

9.2.17

I agree — please put in the Endorsement in note to the Dewan so that his orders are secured before he goes to Delhi.

9/2

Draft V.

6120
23.4.17

No. RS 557

RY. 7] GPB—1,500—21-12-14

MYSORE RAILWAY DEPARTMENT.

TO THE DEWAN OF MYSORE

FOR ORDERS.

—o—

SUBJECT:- Shimoga-Bhatkal Railway Survey

P. S.

Extension of time up to September 1918 is hereby sanctioned pending submission of a revised estimate. Sup &

9.5.17.

Recorded separately
Sup &

In Government Order No.1231-26/Ry F.216-15-16 dated 5th November 1915, an estimate amounting to Rs.23,000/- was sanctioned for the survey of a metre gauge line from Shimoga to Bhatkal.

2. Subsequently in January 1917 an independent estimate amounting to Rs8,00 for trial borings on the bed and margin of the Bhatkal creek was also sanctioned

3. The Agent, Mysore State Railways, now reports that it will take another season ending September 1918 to properly complete the project as most of the men intended for the survey duty are engaged on urgent work at Bhatkal.

4. The following work will have to be done in the next year:-

(i) Survey from near east of Sagar to Talguppe.

(ii) do. Sulkub to foot of ghats with 2 alternative alignments amounting to 30 miles (17 miles one route and 13 miles the other).

(iii)

Sl 23. Issued vide no 34468/18 15th May 1917

(iii) From the sea coast to the foot of the ghats.

5. In these circumstances, I solicit the favour of your approval to the extension of the time for the survey work till end of September 1918 pending submission of a revised estimate for the work, the preparation of which has been delayed for want of definite information as to the provision required for the port investigation work at Bhatkal.

22/4/17

Ag.Secretary for Railways,
Government of Mysore.

Bangalore,
21st April 1917.

BB
22/4.

ALM.

To 1873
22-5-17

W. D. 2725—GPB—2.000—5-5-16

REPLY.

(To be written on this margin.)

Office of the Dewan of Mysore.

NOTE.

Dated 18th May *191*7.

x vide next page of note

Copy of letter No. 4691 dated the 14th April 1917, from the Under Secretary to the Government of Bombay in the Revenue Department, in the matter of affording facilities to the party engaged in the Mysore-West Coast Railway Survey.

...

The Secretary, Railway Department, is requested to kindly put up a suitable acknowledgment thanking the Bombay Government for the help given.

18.5.17

The Secretary,

Railway Department.

In action
22/5/17
Secretary (Gen. returns)

Ulq.
22/5/17
Draft letter is submitted.
24-5-17

Sl. 24. Issued vide no. 2749 dy 12 6 1917.

Letter No.4691 of 1917 dated the 14th April 1917 from the Under Secretary to the Government of Bombay in the Revenue Department, to the Hon'ble the President in Mysore.

With reference to your letter No.1756 dated 5th May 1917, requesting that the usual notification under the Land Acquisition Act may be issued on the subject of the survey of the railway line from Shimoga to Bhatkal, I am directed to forward, for your information, a copy of Government Notification No.7903 dated 12th August 1916, and to state that the Collector of Kanara has been requested to afford every facility to the survey party.

"Copy"

Registrar,
Railway Secretariat.

ALM.

7/5

THROUGH THE FINANCIAL SECRETARY TO GOVT.

346/Rails 4.

WD A 0294—GPB—1,000—29-6-17

RY. 6]

MYSORE RAILWAY DEPARTMENT.

TO THE DEWAN OF MYSORE

FOR SANCTION.

In Government Order No.1231-26/Ry. F.216-15-16 dated the 5th November 1915, an estimate amounting to Rs.23,000 for the survey of a metre gauge line of railway from Shimoga to Bhatkal, a distance of 90 miles, was sanctioned.

2. The Agent, Mysore State Railways, now submits for sanction the accompanying revised estimate amounting to Rs.1,31,726 together with a report for the above survey, including Bhatkal Harbour Investigation, the total distance in all being 118 miles.

3. In the report accompanying the estimate, it is stated that the provisions in the original estimate were inadequate and besides wave observations, surveys, land and sea-borings and sea-soundings had to be done in the creek and outer bay at Bhatkal and expert advise taken in order t ascertain the possibilities of opening a Harbour for all of which there was no provision in the estimate. The length of the line to be surveyed and the extension of time having also been increased by 28 miles and 18 months respectively, the --

estimate had to be revised thereby increasing by Rs.1,08,726.

4. The works that were already done and those that are to be now done are given in paras 4 and 5 of the Report.

5. Under the above circumstances, I solicit the favour of very early sanction of Government to the revised estimate amounting to Rs.1,31,726 referred to in para 2 supra.

22-12

Ag.Secretary for Railways,
Government of Mysore.

Bangalore,
21st December 1917.
ALM.

WD 1233—GPB—60,000—1-12-16—S.

G. R. S. III-2]

General and Revenue Secretariat. | File No. 346 of 1917-18

Serial No.

Subd: The provision made for Shri Bhatkar survey in the current year's budget is 15000.

The amount that is required to be allotted for expenditure in 1917-18 if the revised estimate is sanctioned may be kindly indicated, and how it is proposed to be met also stated.

A.

8. The papers regarding employment of Prof. Bhatkar for the extension of time for the survey up to Sept 1918 — in N.S. 3446 of 16.8.1917 may also be kindly placed in the file.

Sd/- [illegible]
for Secretary
3.1.1918

Returned with compliments & Railway Secy.

Sd/- [illegible]
for Secretary
4.1.18

Sd/- [illegible]
4.1.18

Sd/- [illegible]

Q.O No. 287 8.1.18.
Collection

OFFICE
238
9.1.18

Sd/- [illegible] is forwarded to the Agency Deh for favour of reply to the points at A.

Sd/- [illegible]
Secy. in charge
G. R. Secrt.

Sd/- [illegible]
5/1/18

NOTE—Contn. sheet.

WD A0279—GPB—5,000—16-8-17

Railway Department.

Rly File No. 346 of 1917-18

Serial No.	
	11 The probable amount required for expenditure during 1917-18 is Rs.50,000. The additional grant required for the current year will be provided for by reappropriation.

Deputy Agent in charge,
Agent's office.

Bangalore,
16th January 1918.

12 Returned, with compliments, to the Secy to Govt, Finl. Dept. with the above information.

13 The file of papers re. the grant of Govt sanction for the extension of time for the survey of this line is also herewith sent.

Union Secy. in ch.

14 Noted with reference to Note dated 3-1-1918.

The revised estimate

AD 1233—GTL—60,000—1-12-16—S.

G. R. S. III-2]

General and Revenue Secretariat

Rys File No. 346 of 1917-18

Serial No.

H/1595-17

may be sanctioned - The particular reappropriation considered feasible by the Dept might have been proposed so that the question of provision of funds might have also been settled -

mrh
28-1-16

3989
29-1-16

Decn.)

NOTE—Contn. sheet.

Submitted to His Highness.

P

The Railway Secretary submits the accompanying revised estimate amounting to Rs.1,31,726 for the survey of the Shimoga-Bhatkal Railway and for the Bhatkal Harbour Project. E *For reasons given by the Railway Secretary, the estimate may be graciously sanctioned.*

2. The project for the first section of this railway, viz., Shimoga to Arasalu, 26.8 miles, is pending sanction of the Government of India.

M. Visvesvaraya

30th March 1918.

Record of Cases submitted for the Orders of His Highness the Maharaja

Subject.

Revised estimate amounting to Rs.1,31,726 for the survey of the Shimoga-Bhatkal Railway and for the Bhatkal Harbour Project.

1125

Order.

~~KRW~~

3/4/18

Secretary for Phys

4·4·18

Sl. 26 G. o. issued vide no. 3077-83 dt 9-4-1918.

WD 02630—GPB—1,500—25-4-16

Ry. S. 9] 191 8.

RAILWAY SECRETARIAT.

NOTES.

File No. 2169

FILE HEADING.

Survey of the Shemaga - Bhatkal Railway and Bhatkal Harbour Investigation

From

The Secy to Govt
78. A / Returned to Rly Secy in original for review — Mysore Railways

No. R & 12797 dated 26/27 - 1 1918 Received 28. 11 1918.

Diary No. 1472	Enclos. 2	Spare copies. -	Serial No. 1

BRIEF ABSTRACT OF LETTER.

Forwards a 2nd Revised Estate amounting to Rs 1,83,116 for the above Survey, together with a copy of Report by the Supdtg Engr for Surveys, and requests very early sanction of Govt thereto

NOTES AND ORDERS.

78. A

A revised Estate amounting to Rs. 1,31,726 for the survey including Harbour Investigation was sanctioned in G.O. No. R.S. 3077-3083 - Ry F. 2169. 17-18 dated 9th April 1918.

The 2nd Revised Estate now submitted for sanction amounts to Rs. 1,83,116, i.e. an excess of Rs. 51,390 over the 1st Revised Estate:

The comparison between both the Estates is as under:—

	For R.S. Ry. Survey.	For Harbour investigation
Provision in the 2nd Estate.	Rs. 1,37,139	Rs. 45,977
— Do — in the 1st Estate.	" 1,02,746	" 28,580
Excess Rs.	34,393	+ Rs 16,997
		= Rs. 51,390.

NOTES—First Sheet.

78 B + B2

C

WD A0279—GPB—5,000—16-8-17

Railway Department.

File No. 216 of 1918.

Serial No.

The necessity for the revision of the 1st Revised Estte: is fully explained both by the Agent in paras 7 & 8 of his memo and by the Supdg: Engr. for Surveys in para 3 of his report.

A sum of Rs. 13,000 only has been provided for this survey in the current year's budget and the balance of Rs. 30,000 that will be reqd is ~~asked~~ proposed to be met by reappn from the grants allotted for other works. The specific source from which this amount will be reappropriated is not stated & this has to be ascertained first before the Estte. is submitted for sanction.

An Estte: amtg: to Rs. 1,000 for traffic survey of this Rly:, which has been included against the sum of Rs. 4,000 provided for 'Traffic Investigation & Hydro Elec: Scheme', was sanctd

WD A0279—GPB—5,000—16-8-17

Railway Department.

File No. 216 9 of 1918.

Serial No.

submd to the Extra Member of Council for sanction yesterday.

Submd.

12144
3/12/18

Ex 30/10/18 Ascertain the specific head from
Vm 7 30/4 which reappropriation is to be effected

h 30.XI.18.

Forwarded to the Agency.

— 1472
2. 12. 18

Branch for favour of furnishing the above information at early return.

Under Secy: in ch: Ry. Secty.

Ex 30/11

P.T.O

WD A0283—GPB—5,000—18-8-17

MYSORE STATE RAILWAYS.

File No. 216 Office Note.

Serial No.	Subject

Urgent-

W-O-No: 189 dt 11/1/19

Couch 5 and Sec²

RAILWAY SECRETARIAT
RECEIVED.
13 JAN 1919
DAIRY NO. 1472
GOVERNMENT OF MYSORE

13.1.19

It is since ascertained from the Superintending Engineer, Surveys, that only about Rs.20,000/- will be required for expenditure during the current year for this survey. The balance will be required during the next year. There is a grant of Rs.13,200 allotted for this work in the current year's budget and the remaining amount (Rs.6,800) will be reappropriated from the current year's grant of Rs.4 lakhs for Chickjajur-Chitaldrug Railway.

The actual expenditure to end of October 1918 for this survey having since been ascertained from Comptroller, certain additional provisions to meet the incurred expenditure had to be made. The estimate originally sent up has therefore now been modified and submitted herewith. It amounts to Rs.2,05,348 and sanction of Government may kindly be obtained and communicated at an early date.

4 Cy

8/1/19.

Agent,
Mysore Railways.

Mysore,
8th January 19.

To
The Secretariat Branch.

Re-revised estimate of Shimoga-Bhatkal Railway Survey including Bhatkal Harbour investigation.

Gauge.- Metre. Length.-118 mile

Period.- November 1915 to end of October 1919.

Particulars.	Per	Rate.	Quantity.	Cost.	Total.	Remarks.
SHIMOGA BHATKAL RAILWAY SURVEY.						
A. Survey Expenses.						
Actual outlay to end of October 1918.				15786		
Further expenditure.						
Survey expenses such as pegs centre line marking, demarcation stones, survey coolies etc.	mile	80	Miles 48	3840	19626	
B. Plant.						
Actual outlay to end of October 1918 less return value.				4339		
Further expenditure.						
Depreciation charges of Tools & Plant to be taken from the original estimate for use in the next season.		L.S.		1000	5339	
C. Establishment.						
Outlay to end of Oct.18.				90071		
Further Expenditure.						
Assistant Engineer.	mnth	500	12	6000		
Overseer.	"	100	12	1200		
do	"	90	12	1080		
Suboverseer.	"	60	12	720		
do	"	50 x 2	12	1200		
do	"	45 x 2	12	1080		
do	"	40	6	240		
Maistry.	"	30	12	360		
do	"	30 x 3	8	720		
do	"	30	6	180		
Accounts clerk.	"	50	12	600		
C.O.				103451		

Particulars.	Per.	Rate.	Quantity.	Cost.	Total.	Remark
B.F.				103451	19626 5339	
Clerk. ...	mnth	35	12	420		
Peons. ...	"	14	6 x 6	504		
Sweeper. ...	"	3	1 x 7	21		
Special jungle allowance in Shimoga, North & South Canara Districts for Sub-Overseers for 7½ months at Rs.20/- of pay drawn by them irrespective of their usual travelling allowance.				670		
Travelling Allowance.				7500		
Office accommodation for seven months				420		
Medical & Sanitation.			L.S.	200		
Tent repairs.			"	400		
Repairs of instruments.			"	300		
Add contingencies at 5% on the amount provided for next year.				2110		
Proportionate direction charges debitable to this estimate				10800		
Furniture.				200		
Audit & accounts.				1012		
Total (c) Establishment				128008	128008	
Total Shimoga Bhatkal Railway Portion		...		...	152973	
BHATKAL HARBOUR PORTION.						
A. Survey Expenses.						
Outlay to end of October 1918.				8633		
Further expenditure						
Carpenter. ...	mnth	50	mnths 1 x 5	250		
Blacksmith ...	"	50	"	250		
Sounding operations in the sea ...			L.S.	1500		
Boring operations and trial pits on the Light House hill	".		4 .	2000		
Boat hire for 100 days.	days	15	100	1500		
Total Survey expenses					14133	

Particulars.	Per.	Rate.	Quantity.	Cost.	Total.	Remarks.
B. Plant.			B.F.	14133	14133	
Outlay to end of October 1918.				4315		
Cost of required plant for next season.				500		
Repairs of boring tools.			L.S.	250		
Rent of building, for keeping stores.			"	100		
Carriage tools etc., from Bhatkal. to H.Q.			"	500		
				5665	5665	
C. Establishment.						
Outlay to end of October 1918.				11883		
Assistant Engineer	Mnth	325	6	1950		
Overseer.	"	100	6	600		
Maistry.	"	30	6	180		
do	"	30	6	180		
Meon.	"	14	6	84		
Travelling allowance.			L.S.	2500		
Contingencies.				500		
Direction charges. (proportionate)				9200		
Professional fees to Mr. Fosberry £100				1500		
Traffic Survey and Hydro Electric scheme.				4000		
Total (c) Establishment.				32577	32577	
Total Harbour investigation.					52375	

Total Shimoga Bhatkal Railway Survey Survey including Harbour investigation (Rs. 152,973 + 52,375) or Rs. 2,05,348

Expenditure to end of October 1918. ... Rs. 1,35,057

Further Expenditure to be incurred. " 70,291

Total Rs. 2,05,348

10-1-19

Agent, Mysore Railways.

10/1/19

WD A0283—GPB—5,000—18-8-17

MYSORE STATE RAILWAYS.

File No. 216 Office Note.

Serial No.	Subject
Flgs B. & B2	The Revised Estte amounting to Rs. 1,83,116 for the survey of the S. B. Ry. including Harbour Investigation has again been revised to Rs. 2,05,348 or an excess of Rs. 73,622 over the 1st Revised Estte of Rs. 1,31,726 sanctd. in April 1915, owing to certain addl provisions now made.
	The Expdre required during the current year is Rs. 20,000.
H	Of this, the grant allotted in the current year's budget is Rs. 13,200 & the remaining Rs. 6,800 will be reappropriated from the current year's grant of Rs. 4 lakhs for C. C. Ry.
	The Revised Estte may have to be subd to the 2nd member.
Submitted 24/1/19	The agency report explains why a revision of the Estimate is necessary. This may be subd to the 2nd member

How much has already been reappropriated. Be free available from this source. Whether from the S. B. Ry Construction?

Sir,
A sum of Rs. 74,800 has already been recpd & about Rs. 3,25,000 is still available from the grant allotted for C. C. Ry.

Exp 24/1

WD A0279—GPB—5,000—16-8-17

Railway Department. | File No. of 191

Serial No.

with a D.F.N.
9/6R
21.1.19

Inasmuch as it is a Council matter. I do not think the papers may be submitted to the members in the first instance. I solicit the approval of the Diwan Saheb that the matter may be proposed by Circulation.

[illegible] 21.1.19

The 1st revised Estimate for Rs. 1,31,726 was not treated as a Council matter, but it only went to H. H. for sanction.

Submitted.

21/1. Although Pump D.F.N.

21.1.19

D.F.N. submitted.

21/1

may be approved

9/6R
23.1.19

Secy.

PBB 23/1/19.

23.1.19

Minor revised estimate and a draft F. Note is submitted for approval.

[illegible]
30-1-19

Second member [illegible]

WD 02630—GPB—1,500—25-4-16

Ry. S. 9] ,1919.

RAILWAY SECRETARIAT,

NOTES.

File No. 216 Rg

FILE HEADING.

Survey of the Shimoga - Bhatkal including Harbour Investigations

From

Approved to Appt. in Dep. The Superintending Engr for Surveys.

No. 1 2346 D. No. dated 4 · 3 · 1919 Received 6 · 3 · 1919

Diary No. 1541 Rg Enclos. 3 Spare copies. – Serial No. –

BRIEF ABSTRACT OF LETTER.

Returning the revised Estate for the above with his remarks.

NOTES AND ORDERS.

Rly

A revised Estate amtg to Rs. 1,31,726 for the above Survey was issued in G.O. No. R.S. 3077-3083 / Rg. F. 216 Rg. 17-18 dt 7. 4. 18.

This Estate provided for a definite amount of survey work which has been completed at a definite amount of

NOTES—First Sheet.

WD A0283—GPB—5,000—16-8-17

MYSORE STATE RAILWAYS.

File No. 216 Office Note.

Serial No.	Subject

Estimating which was completed by 1st Nov. 1918.

As certain improvements were required in the alignment between Talguppe & Melmanje and Melmanje & ~~Kadaba~~ Badaba, about 48 miles had to be resurveyed in 1918-19, besides some improvements done between Arasiala & Sagar.

Further investigations was also undertaken in connection with the Harbour at Bhatkal.

Although a supplemental Estt. for the above was required, yet a Re-Revised Estt. for Rs. 2,11,677 in excess of Rs. 19,957 over the 1st Revised one is now received, since it is difficult to separate the two at this stage.

The comparison—

WD A0283—GPB—5,000—18-8-17

MYSORE STATE RAILWAYS.

File No. Office Note.

Serial No.	Subject

between the two Estes is as under :-

	for B. S. Ry Survey.	for Harbour Investigation
(1) Provision in the 2nd Este.	Rs. 1,63,774	Rs. 44,703
(2) do - in the 1st Este.	" 1,02,746	" 28,980
	Excess Rs 61,228 +	Rs 18,723
	or Rs 79,951	

The reasons for the excess are also given in the Comparative statement explaining the differences between the original & Revised Estes.

It is proposed in the Revised Budget Estes for the current year & provide Rs. 44,703 on account of the above & the balance during next year.

Submd.

Eg 15/3

Br. T. for favour of Remarks

BRR. 18-3-19

In the memorandum sent to the Finl. Secretary and the Comptroller along with

WD A0233—GPB—5,000—18-8-17

MYSORE STATE RAILWAYS.

File No. Office Note.

Serial No.	Subject

35. Mis.

with the Budget Estimates of ~~Expenditure~~ Railway Expenditure, it is proposed that the provision during the current year for the S. B. Ry and Harbour Surveys should be increased to Rs 48,000. ~~as~~ For the next year, the provision made by Comptroller for this works is Rs 32,300 and no alteration has been suggested by this office

Mala 1937/09 19/8/19

19.8.19

The necessity for the extra work and the reasons for the excess are very well explained by the S.E.S. The proposal for providing Rs 48000 in the Revised Budget Estimates for the current year and the balance during the next year may be approved

* Key D

Secy

BRD. 22-3-19

S.A. to do as needful in this case

25/3

The necessary provision in accordance with the Revised Estimate has been made

WD A0283—GPB—5,000—18-8-17

MYSORE STATE RAILWAYS.

File No. Office Note.

Serial No.	Subject

in the Revised Budget Estimate for 1918–19 &
Budget Estimate for 1919–20.

Re
29/3/19

The Re-revised estimated of Shimoga
Branch Railway
Submitted with a D. O. N
for appl.

Ex
3/4/19

In the re-revised estimate, there is
clearly an excess of Rs 79,951. The
circumstances necessitating this
excess are clearly pointed out in
the note above. This re-revised
estimate may be submitted for
sanction.

BRQ
31.3.19

Secretary

The office note gives the details of the case.
A D. O. note is submitted for approval

Second member

3/4/19

Sup E.

514
5.4.19.

6081-137
7.4.19

D. O. approved
Ptl
8.4.19

RAILWAY SECRETARIAT.
RECEIVED.
10 APR 1919
DAIRY NO. 514
GOVERNMENT OF INDIA

BE

WD A0283—GPB—5,000—18-8-17

MYSORE STATE RAILWAYS.

File No. Office Note.

Serial No.	Subject

Trial note submitted

15/4

No. 514 BRC 10-4-19
10-4-19.

Dewan)

Idea of Harbour
Works should be mixed up
with Railways

This is an important
point which should be thrashed
out in Council

13-4

DEWAN'S OFFICE.
Recd. on APR 1919
Reg. No. 6218.

SECRETARIAT.
15 APR 1919
514
GOVERNMENT OF MYSORE
BRC 15-4-19

The Railway and Harbour Surveys were carried out ~~by~~ under the Control of one Officer, S[illegible] and were mixed-up from the beginning. It will be very difficult to separate them now when the works almost over.

Second member)

15/4

No. 514
15.4.19

6234-10
16-4-19

WAY SECRETARIAT
RECEIVED
514
OFFICE

Since the Railway Surveys were under the Supervision of one Supdtg. Engineer & there was also only one Exec. Engineer in immediate charge of both these Surveys. Separate accounts were not maintained from the very beginning. This is unfortunate

BRC 19-4-19
514

WD A0283—GPB—5,000—16-8-17

MYSORE STATE RAILWAYS.

File No. Office Note.

Serial No.	Subject

cannot get the Det right now. The surveys have been practically completed & the work is approaching its finish. As observed by the Rly Secy. I fear it will not be practicable to separate the items at this stage. The matter may certainly be considered in Council.

Bell
17.6.19.

↓

No 556 BRD 22.4.19
22.6.19

Dewan)

Yes. I have mentioned the case that different works — One by same Staff — the other one mixed etc!

27.6

DEWAN'S OFFICE.
Recd. on APR 23 1919
Reg. No. 6576

RAILWAY SECRETARIAT.
25 APR 1919
556.

W.S.M. Compliments for consideration in Council.

Chief Secretary)

25/4

679 9

No. 30 BRD 25.4.19
25.4.19.

B/25/4

C.S. Circulate.

C.I.

B/25/4

(For disposal at a meeting)

No. C. 793

28.4. 1919

GENERAL AND REVENUE SECRETARIAT.

Council Matter.

SUBJECT.

(Clause xii of the Schedule)

Question of mixing up Bhatkal Harbour investigation work with Shimoga-Bhatkal Railway work, under the same staff.

CIRCULATED TO THE MEMBERS OF COUNCIL.

By Order,

C S Balasundaram
Chief *Secretary to Government.*

28th April 1919.

Extraordinary Member of Council. Sen. 8.5.19.

First Member of Council. 12.5.19

Second Member of Council. seen.

H423
29.4.19

Temporary Member of Council.

GPB—1,000—28-8-19

c.793

Extract from the Proceedings of the 489th *Meeting of the Council of His Highness the Maharaja, held at Bangalore on the* 13th May 1919

2. Subject.--Clause xii of the Schedule.

Question of mixing up Bhatkal Harbour investigation work with Shimoga-Bhatkal Railway work under the same staff.

Opinion of the Council.

The re-revised estimate may be sanctioned. Steps should be taken to separate the estimates to show the portion debitable to the Harbour project and to the Railway project respectively.

Sd. A.R.Banerji,
Offg. Dewan of Mysore.

"EXTRACT"

P S Balasubramanya

Chief Secretary to Government.

WD 1148—GPB—1,000—23-12-18.

WD A2069—GPB—500—1-5-18

G. R. S. III-2]

General and Revenue Secretariat.

C. 793

File No. of 191

*23. As soon as circulation is complete and the opinion of the Council is recorded the file will be forwarded to the Secretary in the Department concerned for transmission if need be to the Financial Secretary under Standing Orders and for submission to the Dewan or Member in charge.

Extract from the Proceedings of the Council is put up.

Forwarded with compliments to the Secretary to Government, Railway Department, under *Rule 23 of the Subsidiary Rules of Council Business.

By Order,

C Balasundaram Ji

Chief Secretary to Government.

RAILWAY SECRETARIAT. 16 MAY 1919 DAIRY NO 556 GOVERNMENT OF MYSORE

Put up D.F.N.

16/5

D. F. N. seen.

Slip F.

BRO 16/5/19

17.5.19.

BRO 19.8.19

20/5/19

No: 556 20.5.19

Second Member)

7195-152 21.5.19

D. F. N. approved

Rule

22.5.19

23 MAY 1919 556 GOVERNMENT OF MYSORE

No: 556 23.5.19

BRO 23.5.19

Dewan)

23/5

26/5

DEWAN'S OFFICE. Recd. on MAY 24 1919 Reg. No. 7410

Final Note by the ~~Extra~~ SECOND Member of Council.

Subject:—

The mixing up of the expenditure on Bhatkal Harbour Investigation work with that on the Shimoga-Bhatkal Railway work, owing to both being worked by the same staff.

In Government Order, No.R.S.3077-3083/Ry.F.G.216-17-18 dated 9th April 1918, the revised estimate amounting to Rs.1,31,726/- for the survey of the Shimoga-Bhatkal Railway, including the investigation of the Bhatkal Harbour Scheme, was sanctioned. x P.26.

2. The Railway Secretary now submits, for sanction, the accompanying Re-Revised Estimate amounting to Rs.2,11,677, involving an excess of Rs.79,951/- over the first Revised Estimate for the above.

3. The necessity for the revision of the estimate is due to further improvements which were required in the alignment between Talguppe and Melmanje and Melmanje and Badabag (about 48 miles to be resurveyed in 1918-19), besides some improvements done between Arasalu and Sagar. Further investigation was also undertaken in connection with the Harbour at Bhatkal.

4. The reasons for the excess are also given in the comparative statement explaining the differences between the original and the Revised Estimates. In working out the details of a project of this kind, it is not always possible to foresee certain items of expenditure and a certain amount of excess is inevitable.

5. A sum of Rs.48,000/- has been provided in the Revised Budget Estimates for 1918-19 and Rs.32,300/- in the Budget Estimates for 1919-20.

6. The matter was considered in Council and the Council is of opinion that the Re-Revised Estimate may be sanctioned and steps taken to separate the Estimates so as to show the portions debitable

debitable to the Harbour project and to the Railway project, individually, and not together, as heretofore.

7. Approval to the recommendation of the Council is solicited.

S. Raghavendra Rao
22.5.19
MEMBER OF ~~COUNCIL~~.

22nd May 1919.

Submitted to His Highness.

I submit herewith a Final Note by the Second Member of Council on the subject of the mixing up of the expenditure on Bhatkal Harbour Investigation work with that on the Shimoga-Bhatkal Railway work, owing to both being worked by the same staff, for His Highness' gracious approval.

26-9

C.793 ✓

Record of Cases submitted for the Orders of His Highness the Maharaja.

Subject.

Mixing up of the expenditure on Bhatkal Harbour Investigation work with that on the Shimoga-Bhatkal Railway work

Ne 411
26.5.19

Order.

~~KRW~~
30/5/19

no 1249

7690-104
5.6.19

Secy (P W D)
Rg. 2.6.19

Sec'y
Rec'd
6.6.19

B II
13/516

5099
6.6.19

Issue orders
5/6/16

27. Issued vide G.O. no. 3404-10 dy 21/6/19

Ry. 10]

WD A0291—GPB—2,000—17-8-17

Railway Secretariat. File No. of 191 .

Serial No.	
	Draft first & 4 copies for appl.
	May be approved
	11/6 Secretary B.P.O. 11-6-19
	25/6 13/6
28.	Issued vide G.O. No. 3404 - 10 8 21 6/19

A.L.M. 9/6/19

WD A0279—GPB—5,000—16-8-17

Railway Department. | File No. of 191 .

Serial No.

Subject:- Extension of the period for the Shimoga - Bhatkal Railway Survey work beyond the 31st Oct: 1919

In the Revised Estimate × P.27
of the Shimoga - Bhatkal Railway Survey, sanctioned in G.O. No. 3404-10/Rly: F. 216 G. 18-19 dated 21st June 1919, the period allowed was to the end of October 1919.

Flag A

The Ex: Engr for Surveys in his letter No: 3065 dated 7-11-19, stated that owing to work on other various Surveys, some of the staff belonging to this Survey had been transferred there and that the period should be extended upto 31st May 1920, i.e., by another 7 months, for completing all the Reports, Drawings &c.

— Do- B (Recorded in the Appendix)

WD A0279—GPB—5,000—16-8-17

Railway Department. | File No. of 191

Serial No.

He wanted also that an Accts: clerk who was partly engaged on looking after the accts of this Survey in the Audit office should be kept on till this Survey is completely wound up.

The Auditor, in his letter No E.A. 1398 dated 3.12.19, states that sanction of Govt. to the extension of the period beyond 31st Oct: 1919 is required, as the Establishment charges for Nov^r 1919 have been provisionally passed.

Flag C (Recorded in the Agency)

Submitted.

May be submitted to Govt. Member for Sanction.

Secretary) BAR 10.1.20

Comp. No A 20

First Member for favour of sanction — RLBury 11.1.20

Is there any provision in the Budget

RAILWAY REGISTRY 20 JAN 1920 1184 GOVT OF MYSORE

BAR 20.1.20 BTL BTL(A) 12 20.1.20 BM 20

WD A0279—GPB—5,000—16-8-17

Railway Department. | File No. of 191 .

Serial No.

to meet this additional charge? If not, how is it proposed to be met? The position may be made clear also whether the extension of period prayed for is reasonable & justifiable.

Rec'd
28-1-20.

No. 1184
26-1-20.

* Flag E

A sum of Rs.2,500/- has been provided for this Survey in the Revised Estimate for '35 Miscellaneous Railway Expenditure' during the current year and the charges for Establishment required will be met out of it.

Under the circumstances explained by the Executive Engineer, the extension of period applied for is reasonable.

BRC
24.1.20

Asst. Member

RAILWAY SECRETARIAT
29 JAN 1920
DAIRY NO. 1184
GOVERNMENT OF INDIA

292.340
27.1.20.

BRC 29.1.20

24.1.20

Sanctioned

Further Extensions should not be asked for.

Rec'd
28.1.20.

Stamp copies: Sanction is issued.
for approval.

28 Jan 31/1

Issued vide reg 1406-07 dt 4.2.20

may issue
BRC
2.2.20

File of correspondence ending with this office Note No.583 dated 15th May 1915 regarding the proposed line of Railway from Shimoga to Bhatkal with the Dewan's personal orders thereon.

No. 1202
Encl 4

Copies of the above are forwarded to the office of the Engineer-in-Chief State Railway Construction Department for favour of necessary action.

Bangalore, 18th June 1915.

Offg. Secretary for Railways
Government of Mysore.

2

No. 474

MYSORE STATE RAILWAYS,

Central Office,

Bangalore, 16th August 1915.

To

The Engineer-in-Chief,

State Railway Constn. Dept.

Sir,

In forwarding herewith copies of correspondence between the Hon'ble Sir Hugh Daly and the Hon'ble Sir R.A.Lamb, Member of Council, Bombay, in the matter of the Bhatkal project received with Dewan's note No.1115 dated 10th August 1915, I am desired to request that you will be so good as to arrange for the necessary staff etc., for starting the surveys early in November or December 1915. I am also to request that an estimate for the surveys may be kindly submitted for sanction of Govt.

I have, etc.,

Offg. Secretary for Railways,

Government of Mysore.

3

W.B.—129—GPB—2,000—9-8-15

All Communications to be addressed by title and not by name.

Telegrams: "STATERAIL"
Code A. B. C., 5th Ed.

OFFICE OF THE ENGINEER-IN-CHIEF,
MYSORE STATE RAILWAY CONSTRUCTION,

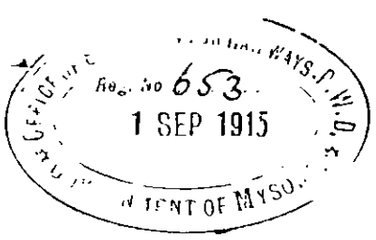
No. 8815 E/2 (one in ferro) *Bangalore*, 30th August 1915.

FROM

C. DOVE WILSON, ESQ.,

Engineer-in-Chief,

Mysore State Railway Construction Department



TO

The Secretary to the Government
of Mysore for Railways,
Bangalore.

SIR,

In compliance with the request made in your letter No.474 of 16th August 1915, I have the honour to submit an estimate of the cost of making a survey for a line on the metre gauge from Shimoga to Bhatkal.

For Govt's sanction
1.9.15

2. The portion from Shimoga to Arasalu has already been surveyed for a 3 ft. 6 in. gauge railway under the sanction given in Government Order No.1796-1800/Ry.F.164-14-15, dated 22nd February 1915, but the curvature and grading is not suited to a through metre gauge line and the general alignment will be revised and improved under the sanction now asked for.

3. The proposed route from Arasalu to Bhatkal is shown approximately by a full red line on the accompanying ferro type No.899/1915 (ENC) It is not possible to say at present what the ruling grade and maximum curvature will be as trial lines must be run before this can be considered.

4. The work will be carried out by two parties of

take about 8 months to complete. It is proposed to commence in the middle of October. Separate application will be made for an additional Assistant Engineer on Rs.200/- a month and any other additional staff that may be required.

I have the honour to be,

Sir,

Your most obedient servant,

Engineer-in-Chief,

State Railway Construction.

AS.

3/9/6

Government of His Highness the Maharaja of Mysore.

RAILWAY DEPARTMENT.

G. O. No. 1796-1800—Ry. F. 164-14-15, dated 22nd February 1915

Feeder Railways in the Shimoga District.

Sanctioning a revised estimate amounting to Rs. 22,060 for surveys in connection with —

GPB—11-3-15—75.

Feeder Railways in the Shimoga District.

No. 1796-1800—Ry. F. 164-14-15, DATED 22ND FEBRUARY 1915.

PROCEEDINGS OF THE GOVERNMENT OF HIS HIGHNESS THE MAHARAJA OF MYSORE.

RAILWAY DEPARTMENT.

READ—

Government Proceedings No. 771-75—Ry. F. 164-14-15, dated 12th October 1914, sanctioning *inter alia* an estimate amounting to Rs. 15,500 for the survey of certain feeder railways in the Shimoga District.

2. Note No. 308, dated 18th December 1914, from the Secretary for Railways, explaining the need for the formation of two survey parties instead of one as originally contemplated, and requesting sanction thereto pending the submission of a revised estimate for the work.

3. Note No. 380, dated 21st January 1915, from the Secretary for Railways, submitting for sanction a revised estimate amounting to Rs. 22,060 for the work.

Order No. 1796-1800—Ry. F. 164-14-15, dated 22nd February 1915.

The formation of a second party for Railway Surveys in the Shimoga District as also the revised estimate amounting to Rs. 22,060 are hereby sanctioned.

2. As there is only a provision of Rs. 10,000 for the work in the Budget Estimates for the current year, the balance may be met by reappropriation.

E. A. S. BELL,
Secy. to Govt., for Railways.

To—The Secretary to Government, General and Revenue Departments.
The Secretary to Government, Financial Department.
The Comptroller of Mysore.
The Comptroller, Public Works and Railway Branch.
The Engineer-in-Chief, State Railway Construction Department.

Exd.—C. R.

No. 1796-1800—Ry. F. 164 14-15, dated 22nd February 1915.

MYSORE STATE RAILWAY CONSTRUCTION DEPARTMENT.

Revised estimate of cost of survey of a line from Shimoga to Sagar *via* Aiyanur Riponpet and Ananthapur with a branch to Tirthahalli *via* Humchadakatte and Agara.

Gauge 2'—6"..... .....Length 81 miles

Time required including preparation of project — 9 months.

Particulars	Unit	Rate	Amount	Total	Remarks
1	2	3	4	5	6
		Rs.	Rs.	Rs.	
1. *(a)* Survey expenses, pegs, centre line, stones, bench marks, trial pits, jungle clearing and survey coolies for 81 miles	Per mile	60	4,860	4,860	
(b) Plant (including camp equipage).					
1 Swiss cottage tent 14'×14'	Each	560	560	.....	
4 Kabul tents 10'×10' ...	,,	150	600	.....	
2 Necessary tents 4'×4' ...	,,	35	70	.....	
16 Servants' pals 10'×10' ...	,,	65	1,040	.....	
6 Survey umbrellas ...	,,	25	150	.....	
Freight on above ...	...	.....	200	.....	
Total Tents ...	.....	.....	2,620	.....	
2 Theodolites	Each	600	1,200	.....	
2 Levels	,,	300	600	.....	
Plane tables, scales, drawing instruments, rods, etc	...	.....	600	.....	
2 Prismatic compasses ...	Each	100	200	.....	
4 Levelling staves ...	,,	36	144	.....	
6 Chains, measuring ...	,,	12	72	.....	
Total Instruments ...	.....	.....	2,816	.....	
Total *(b)* Plant ...	.....	.....	5,436	.....	
Deduct—					
50 per cent return value of tents	...	.....	1,310	.....	
75 per cent return value of instruments	...	.....	2,112	.....	
Total Credit Value ...	.....	.....	3,422	.....	
Total Net Debit *(b)* Plant ...	.....	.....	.....	2,014	
(c) Establishment—					
1 Executive Engineer ...	Per month	500	4,500	.....	
6 Sub-Overseers	,,	50	2,700	.....	
6 Maistris (Rs. 30 to 40) for 4 months	,,	35	840	.....	
1 Draftsman	,,	40	240	.....	
1 Survey clerk	,,	40	240	.....	
4 Peons	,,	10	360	.....	
6 Lascars for four months ...	,,	10	240	.....	
Travelling allowance ...	...	.....	2,500	.....	
Furniture	...	.....	500	.....	
Local allowance ...	...	.....	1,500	.....	
Office accommodation ...	...	.....	600	.....	
Contingencies... ...	...	.....	726	.....	
Total Establishment ...	.....	.....	.....	15,196	
Grand Total ...	.....	.....	Rs. 22,060 or Rs. 272 per mile	.....	

Mysore State Railway Construction Dept.

3(b)

Estimate of Cost of Survey of a line from Shimoga to Bhatkal
Gauge 3'-3 3/8" metre — Length 90 miles
Time required including preparation of Project — 8 months.

Particulars	Unit	Rate	Amount	Total	Remarks.
I (a) Survey expenses, pegs, centre line, stones, bench marks, trial pits, jungle clearing & Survey Coolies for 90 miles	Per mile	60 ✓	5,400	5,400	
(b) Plant (including camp equipage)					
3 Swiss Cottage tents 14'×14'	each	560 ✓	1,120		
6 Kabul tents 10'×10'	"	150 ✓	900		
2 Necessary tents 4'×4'	"	35 ✓	70		
16 Servants pals 10'×10'	"	65 ✓	1040		
6 Survey Umbrellas	"	25 ✓	150		
Freight on above	—	—	200		
Total tents			3,480		
3 Theodolites	each	600 ✓	1,800		
4 Levels	"	300 ✓	1,200		
Plane tables, scales, drawing instruments, rods &c	—	—	600		
2 Prismatic Compasses	each	100	200		
8 Levelling Staves	"	36	288		
6 Chains measuring	"	12	72		
Total Instruments			4160		
Total (b) Plant			7,640		
Deduct:-					
50 % return Value of tents			1,740 ✓		
75 % — do — Instruments			3,120 ✓		
Total Credit Value			4860		
Total net debit (b) Plant	—	—	—	2780	
Carried over				8,180	

Brought forward				8,180
(C) Establishment.				
1 Assistant Engineer	Per month	450	3600	
1 ——— do ———	"	200	1600	
1 Overseer ———	"	100	800	
6 Sub overseers ———	"	50	2400	
6 Temporary Maistries for 6 months	"	30	1080	
3 Peons	"	10	240	
16 Lascars for 6 months	"	10	960	
1 Clerk	"	50	400	
Travelling allowance ———	-	-	2500.	
Furniture	-	-	300.	
Office accommodation	-	-	600.	
Contingencies . . .	-	-	340.	
Total (C) Establishment				14820
Grand Total Rs				23,000 or Rs 256 per mile

Dated Bangalore
30th August 15

Yr Ramachandra Rau
Engineer-in-Chief
State Ry Construction &c

31/8

4

No. MYSORE STATE RAILWAYS,

Central Office,

Bangalore, September 1915

To

P. B. Warburton, Esq., I.C.S.,
First Assistant to the Hon'ble
the Resident in Mysore.

Sir,

I am directed to state that it is proposed to start surveys on Shimoga-Bhatkal for a railway from in the N. Canara (Railway) by about the middle of ~~October~~ November next. I am therefore to request that you will be so good as to move the Government of Bombay to kindly issue orders to the local authorities for affording the necessary facilities to the survey party to enter upon private and public lands, etc., to execute the necessary surveys.

I have, etc.,

For Offg. Secretary for Railways,
Government of Mysore.
(Secretary absent from head quarters)

3.9.15.

NOTIFICATION.

Railways.

No. 1227-26 dated 5th ~~September~~ November 1915.

Whereas, the Government of His Highness the Maharaja of Mysore have decided to make a survey for a line of Railway from Shimoga to Bhatkal, a port in North Canara, it is hereby notified, under the provisions of section 4 of the Mysore Land Acquisition Regulation No.VII of 1894, that certain lands in the Shimoga District -- through which the line will pass are likely to be needed for a public purpose viz., the construction of the said Railway; and Government are therefore pleased to authorize, under section 38 of the same Regulation, the officers in charge of the survey party to exercise the powers conferred by section 4.

By order,

Offg. Under Secretary for Railways,
Government of Mysore.
For Offg. Secretary for Railways,
Government of Mysore.

No. 1226

To

5.9.15.

The Compiler, Mysore Gazette, for favour of publication in the next issue of the Gazette.

5 11 15

b

W. W. PD 92

Encl: one section
one book & a terro

RAILWAY SECRETARIAT,

Bangalore, 5th October 1915.

Dear Mr. Hiriyannaiya,

I write to inform you that the estimate for the survey of a metre gauge line from Shimoga to Bhatkal has been sanctioned but the land Notification to be issued in that connection as well as letter to the Residency have not been initialled by the Dewan Saheb. I therefore return herewith the file relating thereto for favour of the needful being done and early return.

Yours sincerely,

M. Ramachandra

Noe 47 Ci file

PRIVATE SECRETARY TO THE DEWAN MYSORE

LAKE VIEW,
YELWAL ROAD,
MYSORE.

30th October 1915.

Dear Mr. Krishna Iyengar,

In returning herewith the file of papers about the survey of a line from Shimoga to Bhatkal, I write to state that as we have already received a letter from the Hon'ble Sir Richard Lamb permitting us to proceed with the investigation of the Bhatkal Railway project, it appears unnecessary to write and ask for permission again. But (1) if you think that official intimation is necessary the draft letter may be suitably revised and issued by you. (2) It seems also unnecessary to obtain the initials of the Dewan to the draft notification in the file.

Yours sincerely,

S Srinivasaiya

Rao Bahadur
K.Krishna Iyengar Esqr., B.A., L.C.E.

Office Memo. necessary
accordingly submitted
1/11/15

1) We may drop the question
2) The Notification may be issued
P Nett 2.11.15

Draft

Proceedings of the Government of His Highness the Maharaja of Mysore.

Railway Department.

--

Read.-

Note No.159 dated 3rd September 1915 from the Secretary for Railways submitting for sanction an estimate amounting to Rs.23,000 for a survey of a line of Railway on the metre gauge from Shimoga to Bhatkal, a port in the North Canara District, Bombay Presidency.

ORDER No.1221-26 dated 5.11.15.
Rly. F. 216-15-16.

The accompanying estimate amounting to Rs.23,000 for the survey of the above mentioned Railway is sanctioned.

2. The expenditure on this account may be met from the total provision made under "Surveys" in the current year's budget of this Department.

Offg. Secretary for Railways,
Government of Mysore.

To

The Secy. to Govt. Genl. Department.
The Secy. to Govt. Rev. Department.
The Secretary to Govt. Finl. Dept.
The Comptroller of Mysore.
The Comptroller, P.W. & Ry. Branch.
The Engineer-in-Chief, State Railway Construction Department with reference to his A.R. letter No. 8815 dated 30th Sept. 15.

9

P. W. Serial No. 114] No. 3977

R.C. 975

It is requested that in future communications on the subject, the No. and date of this letter, and the distinguishing letters below the number as given opposite, may be quoted. All communications should be addressed as follows:—Comptroller, Mysore Public Works and Railway Branch, Bangalore.

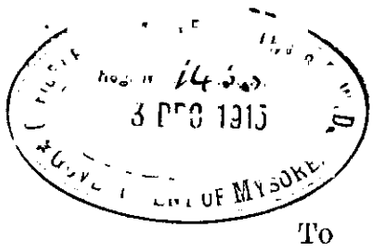
MYSORE PUBLIC WORKS DEPARTMENT,
CENTRAL OFFICE OF ACCOUNTS,

Dated Bangalore, the 10 December *191* 5.

2/12/15

FROM

DEWAN BAHADUR
J. S. CHAKRAVARTI, ESQ., M.A., F.R.A.S., etc.,
Comptroller to the Government
of His Highness the Maharaja of Mysore,
Public Works and Railway Branch.



To

The Secretary to the
Government of Mysore for Railways,
BANGALORE.

Sir,

SHIMOGA BHATKAL SURVEY.

I have the honour to state that Government Order P. 8 No.1221-26/Ry.F.216-15-16 dated the 5th ultimo, sanctioning an estimate of Rs.23,000/- for the Survey of the above Railway line, has not been communicated through the Financial Department, and to request that sanction to the same may kindly be communicated through that Department.

for action.
Mch
3.12.15. 3.12.15.

I have the honour to be,
Sir,
Your most obedient servant,

Deputy Comptroller,
Public Works & Railway Branch.

P.M.
1.12.15

MYSORE PUBLIC WORKS DEPARTMENT

191

FROM

DEWAN BAHADUR
J. S. CHAKRAVARTI, ESQ.,
M.A., F.R.A.S., etc.,
Comptroller to the Govt. of
H. H. the Maharaja of Mysore,
P. W. & Ry. Branch.

To

Dated

Despatched

Received

No.

SUBJECT.

PB—50,000—26-4-15

10

Draft

From The Secretary to Government of Mysore for Railways,

To

The Financial Secretary to Government.

Dated 17th December 1915.

Despatched

Received

General No. 1564

No. Encl. two copies

Enclosure No. Correspondence

Sir,

I have the honour to forward herewith, P.8 two copies of Government Order No.1221-26/Ry.F.216-15-16 dated the 5th November 1915, sanctioning an estimate of Rs.23,000/- for the survey of Shimoga-Bhatkal line and to request you will be so good as to transmit one of them to the Comptroller, Public Works and Railway Branch, after confirmation in the Financial department. The file on the subject is also sent herewith for information and return favour early.

I have etc.,

Offg. Secretary for Railways,
Government of Mysore.

No. 15-1-C

A copy of the above is forwarded, with compliments, to the Comptroller, publi

Works and Railway Branch for information,
with reference to his letter No.3977/R.C.
975 dated 1st/2nd December 1915.

Offg.Under Secy for Railways,
Government of Mysore.

R..S. 12]

1027

77

General and Revenue Secretariat. | File No. | of 191

Serial No.

Flag C with Department

The P.C. Department has Consented & its opinion is agreeable.

Draft & fair endorsement sent

14/12/15

Signed By the Hon'ble Secy

Issue.

18/12

Immediate

18/12

NOTE—Contn. sheet.

GPB—20,000—30-6-15.

12

WD 070—GPB—5,000—22-4-16

No. D. 9431
En 2

OFFICE OF THE ENGINEER-IN-CHIEF,
MYSORE STATE RAILWAY CONSTRUCTION DEPARTMENT.

TARY FOR ... No. 1044 ... MENT OF MYSORE.

Bangalore, 21st October *1916.*

Note on the Shimoga Bhatkal Railway alignment by Mr.H.D.Rice, Superintending Engineer for Surveys.

A copy of the above together with a copy of Agent's remarks theredn is forwarded to the Secretariat Branch, for information.

for Agent,
Mysore State Railways.

CSS

SECTT.
14/25/10

21/10

BE

C

12(2)

NOTES ON THE

Shimoga Bhatkal Railway Alignment.

The general alignment from Shimoga to Arasalu (mile 27) and from Kogar to Bhatkal has been settled and no big change is suggested. The surveys of these portions may continue as soon as weather permits.

The alignment from Arasalu to Kogar has yet to be decided and there are two alternatives:-

(1) Running straight across due West

(2) Running through Ananthapur, Sagar, within 7 miles of the Gerusoppa Falls and thence following the Talaguppe, Aralgode Kogar Road.

The first mentioned alignment will be 10 miles shorter, but it crosses the proposed Sharavathi Lake in 5 places where viaducts up to 80 feet in heignht will be necessary costing probably more than the extra 10 miles of construction under (2). This alignment does not pass through any important towns and the traffic possibilities do not appear to be as encouraging as those under (2). It is also understood that if the main line is taken by this route the District Board will raise funds for a 2 feet gauge feeder from Arasalu to Sagar, a distance of 25 miles costing not less than 6 lakhs of rupees.

The alignment via Sagar, &c., although 10 miles longer, does not interfere with the Sharavathi Lake. On the other hand that project would be materially benefited by the Railway which would cross the river at the site of the proposed Dam. If the Bhatkal Harbour is to be eventually constructed it would be natural to turn to the Gerusoppa Falls for power (27 miles) and in this case some storage would be necessary to augment the hot weather supply of the River, in which case the Sharavathi Dam Project is more than likely to be undertaken. Besides these reasons in its favour, this alignment passes through better country from a traffic point of

of view and it serves the Taluk Head Quarters of Ananthapur and Sagar as well as famous Gerusoppa Falls. The District Board would also be saved the expenditure of 6 lakhs of rupees on the feeder line.

From a study of the longitudinal sections of these two routes prepared from the Topo Survey Maps, it will be seen that there is nothing to condemn (2) when comparing it with (1). The section seems to indicate that a ruling gradient of 1 per cent can be secured all the way to Talaguppe without heavy work.

From Talaguppoe to Kogar the alignment would more or less follow the alignment of the road. From a study of the sections of this road, it is believed that a ruling gradient of 1 per cent can be secured all the way to Kogar with moderately heavy curvature and earthwork.

I therefore propose to first investigate the route sketched out under (2) during the coming survey season.

AGENT'S REMARKS.

The line suggested may be surveyed for the following reasons:-

(1) It will do away with the necessity for a 2'-6" line to Sagar

(2) The country up to Talagoppa is much more favourable for a Railway line and its traffic earning.

(3) The line from Talagoppa to Kogar will run along valleys and will be similar in character to the Avinhally-Kogar line.

(4) The last and more cogent consideration is that it will be out of the tract to be submergedby the proposed Sharavati Reservoir.

(5) Lastly, a branch line to Jog (about 10 miles) may easily be run in case the question of harnessing Jog Falls is taken up. After all the detour will be small and no work already done will have to be abandoned.

"Copy"

Superintendent,
Branch VI

13

Bangalore
18th November 1916

Dear Mr Lakshminarasimha Rao,

Kindly send, for the Dewan's information, the plan showing the two alternative alignments for the Shimoga-Bhatkal Railway referred to by Mr H. D. Rice in his notes, a copy of which has been to this Office with Railway Secretariat note No 233 of the 13th instant.

Yours sincerely,
M. Rangaiya.

F. 14.

187 Ten miles
to Chikodi

My dear Mr. Rangaiya,

As desired in your D. O. letter of date, I send herewith the plan showing the two alternative alignments for the Shimoga - Bhatkal Railway mapped by Mr. H. W. Rice in his notes on the above project.

Yours sincerely,

E 4/15/4

H Rice

E Rice

MK 1912

15

No 233 Income

RY. 8] GPB—1,000—21-12-14

2822
17.11.16

MYSORE RAILWAY DEPARTMENT.

TO THE DEWAN OF MYSORE

FOR INFORMATION.

—o—

I beg to submit herewith, for information, a copy of note on the Shimoga Bhatkal Railway alignment by Mr.H.D.Rice, Superintending Engineer for Railway Surveys, together with a copy of the Agent's remarks thereon.

I agree that the line via Sagar & Talguppa is the preferable for the reasons given.
20.1.17.

Under Secretary for Railways,
(for Secretary absent from Hd.Qrs)
Government of Mysore.

Bangalore, 15.11
13th November 1916.
16

Communication
20/1/17
Secretary (on relieving)

23/1/17

23/1

157(a)

NOTES ON THE

Shimoga-Bhatkal Railway Alignment.

The general alignment from Shimoga to Arasalu (mile 27) and from Kogar to Bhatkal has been settled and no big change is suggested. The Surveys of these portions may continue as soon as weather permits.

The alignment from Arasalu to Kogar has yet to be decided and there are two alternatives:-

(1) Running straight across due West.

(2) Running through Ananthapur, Sagar, within 7 miles of the Gerusoppa Falls and thence following the Talaguppe, Aralgode Kogar Road.

The first mentioned alignment will be 10 miles shorter but it crossses the proposed Sharavathi Lake in 5 places where viaducts up to 80 feet in height will be necessary costing probably more than the extra 10 miles of construction under (2). The alignment does not pass through any important towns and the traffic possibilities do not appear to be as encouraging as those under (2). It is also understood that if the main line is taken by this route, the District Board will raise funds for a 2 feet gauge feeder from Arasalu to Sagar, a distance of 25 miles costing not less than 6 lakhs of rupees.

The alignment via Sagar, &c., although 10 miles longer, does not interfere with the Sharavathi Lake. On the other hand that project would be materially benefited by the Railway which would cross the river at the site of the proposed Dam. If the Bhatkal Harbour is to be eventually constructed it would be natural to turn to the Gerusoppa Falls for power (27 miles) and in this case some storage would be necessary to augment the hot weather supply of the River, in which case the Sharavathi Dam Project is more than likely to be undertaken. Besides these reasons in its favour, this alignment passes through better

better country from a traffic point of view and it serves the Taluk Head Quarters of Ananthapur and Sagar as well as famous Gerusoppa Falls. The District Board would also be saved the expenditure of 6 lakhs of rupees on the feeder line.

From a study of the longitudinal sections of these two routes prepared from the Topo Survey Maps, it will be seen that there is nothing to condemn (2) when comparing it with (1). The Section seems to indicate that a ruling gradient of 1 per cent can be secured all the way to Talaguppe without heavy work.

From Talaguppe to Kogar the alignment would more or less follow the alignment of the road. From a study of the sections of this road, it is believed that a ruling gradient of 1 per cent can be secured all the way to Kogar with moderately heavy curvature and earthwork.

I therefore propose to first investigate the route sketched out under (2) during the coming survey season.

AGENT'S REMARKS.

The line suggested may be surveyed for the following reasons:-

(1) It will do away with the necessity for a 2'-6" line to Sagar.

(2) The country up to Talaguppe is much more favourable for a Railway line and its traffic earning.

(3) The line from Talaguppa to Kogar will run along valleys and will be similar in character to the Avinhally-Kogar line.

(4) The last and more cogent consideration is that it will be out of the tract to be submerged by the proposed Sharavathi Reservoir.

(5) Lastly, a branch line to Jog (about 10 miles) may easily be run in case the question of harnessing Jog Falls is taken up. After all the detour will be small and no work already done will have to be abandoned.

"Copy"

Under Secretary for Railways,
Government of Mysore.

15/11

Ry. 1]

RAILWAY SECRETARIAT.

File No.

No. R.S. 2218.

Memo.

Date of issue 28/1/17

Signed by

SUBJECT. Shimoga Bhatkal Railway alignment.

With reference to Karwar Branch memo no. 9431 of 24th October 1916, the Railway Branch is informed that of the two alternatives suggested for surveying the line from Arsalu to Kogar Government agree that the line via Sagar & Talaguppa is to be preferred for the reasons given by the Agent.

Bangalore, 28/1/17

Engg. Engineer in charge

Recd 29/1/17

Sm

28/1

29/1

Immediate

17

WD 070—GPB—5,000—22-4-16

No. AE 1379

Je: No: 347.

OFFICE OF THE ENGINEER-IN-CHIEF,
MYSORE STATE RAILWAY CONSTRUCTION DEPARTMENT.

Bangalore, ...16th February.....1917..

OFFICE OF SECRETARY FOR RAILWAYS, P. W. D.
Reg. No...2148....
17 FEB 1917
GOVERNMENT OF MYSORE

M E M O.

The Superintending Engineer, Mysore State Railway Surveys, reports that he is making arrangements to start at once the Survey of the portion (viz., 14 miles) of the Shimoga-Bhatkal Railway which lies in the Bombay Presidency and this cannot be done without the sanction of the Government of Bombay. The Secretariat Branch is therefore requested to kindly obtain the required permission at a very early date to enable the survey operations in the British Territory both in cultivated lands and in forests being commenced immediately.

16/2

Superintending Engineer,
in charge, Agent's office.

CSS

To

The Secretariat Branch.

R 1/8

No. R.S. 2645 / 1.3.17

MYSORE STATE RAILWAYS,
Central Office,
Bangalore, 27th February 1917.

To

Major T. H.St.George Tucker,
First Assistant to the Hon'ble
the Resident in Mysore.

Immediate.

RS
No. 447. Dt 27.2.17
Encl + 1 Secy file

Submitted to the Dewan of Mysore for favour of approval before issue.

Ag.Secretary for Railways,
Government of Mysore.

Bangalore,
27th February 1917.
ALM.

SUBJECT:- Shimoga-Bhatkal Railway.

Sir,

I am directed to state that the survey party now engaged on surveying a railway line from Shimoga to Bhatkal will shortly proceed to survey the line lying within the British territory and therefore to request you will be so good as to move the Government of Bombay to kindly issue the usual Notification under the Land Acquisition Act and instruct the local authorities to afford facilities to the survey party. The Durbar would be obliged if early orders are received in the matter

I have, etc.,

Ag.Secretary for Railways,
Government of Mysore.

19

WD 670—GPB—5,000—22-4-16

No. AE.2769 / Fe:No:347(1)

OFFICE OF THE ENGINEER-IN-CHIEF,
MYSORE STATE RAILWAY CONSTRUCTION DEPARTMENT.

2695 / Conc 2

16 APR 1917

GOVERNMENT OF MYSORE.

Bangalore, 4th April 191 7.

135

SECTT.

With reference to Government Order No.1221-26/Ry.F. 216-15-16 dated 5th November 1915 and in continuation of this Office No.A.E.436 dated 15th January 1917, forwards a revised estimate with a report for a survey of a M.G.line from Shimoga to Bhatkal. The Secretariat is requested to kindly obtain and communicate the sanction of Government to the estimate at an early date. The survey work is progressing pending sanction to the revised estimate which amounts to Rs. 68,298/.

Ag. Agent,
Mysore State Railways.

B.B.

To

The Secretariat Branch.

A revised estimate for Shimoga-Bhatkal Survey.

An estimate amounting to Rs.23,000 was sanctioned in G.O.No.1221-26/Ry.F.216-15-16 dated 5-11-1915 for a survey of a line of railway on the metre gauge from Shimoga to Bhatkal. The length was taken to be 90 miles for which a period of 8 months was allowed in the estimate both of which provisions have been found to be too low. The revised estimate herewith submitted covers a period of 26 months to survey nearly 120 miles of final line after necessary preliminary work. The period of operations may be divided into two parts

(1) From 3-11-1915 to 30-9-1916.

(2) From 1-10-1916 to 31-12-1917.

The work done during the first period consists of:-

(a) 79 miles of reconnaissance survey.

(b) 12 " preliminary survey.

(c) 21 " location survey from Shimoga towards Arasalu.

(d) 5 " investigation of alternative routes. and

(e) preparation of project estimates for (c).

The works to be done in the second period are:-

(1)	Completing location survey up to Arasalu. Total miles.	6
(2)	Preliminary survey from Arasalu to Talguppe via., Anantapur-Sagar.	33
(3)	---do--- - do- From Talguppe to Ghat head	22
(4)	Detailed survey for 10 miles down the Kogar Ghat to find cost per mile of the ghat viz.,	18 miles
(5)	Preliminary survey from the foot of the ghat to Bhatkal.	18 "
(6)	Estimating approximate costs for the above.	

The whole of survey work lies in a very difficult country for which necessary provision of establishment has been made. Superintending Engineer for Surveys, has provided a special jungle allowance of 20 per cent of the pay only to Suboverseers and -

and maistries for work in Shimoga and Canara Districts which may be sanctioned.

The revised estimate includes a provision of Rs.8000 for wave ovservations and trial borings on the bed and margin of Bhatkal creek, which had not been originally provided for but recently sanctioned in R.S. No.2381 dated 5-2-1917.

The total amount of the estimate is Rs.68,298 or Rs.583 per mile of survey, which is not very great, having regard to the nature of the country to be investigated.

The survey in the British Territory will be taken up after receipt of permission sought for.

Ag. Agent,

Mysore StateRailways.

CSS

4/4/17

A. Survey Expenses: —							
Such as Pegs, Demarkation Stones, Bench							
marks, trial pits, jungle clearing.		30	70		2100.		
Survey Coolies and Lascars etc wave —	mile	80	76		6080		
observations, trial borings etc.	"	"	L.S.		4000.	12180	(A).
B. Tents: —							
1. Swiss Collage tent with bathroom							
and portico flap Complete	each		500	1	500		
1. Necessary tent	"		30	1	30		
2. D. T. Shooting pals with bathroom.							
and durries	"		320	2	640		
6 Kabul Pals	"		150	6	900		
12. Servant Pals	"		55	12	660		
Durries for tents			L.S.		80.		
Total tents.					2810		
Deduct 25% return value for old tents ie.							
1 Swiss Collage tent Rs 500.							
1. Necessary tent 30							
5. Kabul Pals 750							
7. Servant Pals. 385							
Total 1165							
					1620.		

(b) Preliminary survey from [illegible] with approximate estimate of Cost. 33 miles

(c) Preliminary Survey from Talaseppe to the Ghat Head with approximate estimate of Cost. 22 miles

(d) Detailed Survey for 10 miles down the Kosar Ghat with estimate of Cost of the Railway to enable mileage rate being determined for the whole of the Ghat portion. 18 miles

(e). Preliminary Survey from foot of the Ghat to Pothatkal with approximate estimate of Cost. 18 miles

Particulars	Unit	Distance or Period	Rate	No.	Cost	Total for Sub head	Remarks.

Deduct 50% return value for new tents :—				
	Rs.			
2 D. F. Shooting Pals with bath rooms.	640			
1 Kabul Pal	150			
5 Servant Pals.	275			
Total. Rs.	1145			572
Total deductions.				992.
Balance Tents.				1818
Plant :- Scientific Instruments etc :—				
1. Tacheometer.	each	770	1	770
2. Theodolites.	"	550	2	1100.
6 Levels	"	350	6	2100
2 Prismatic Compasses	"	100	2	200
1. Altitude & Prismatic Compass.	"	108	1	108
3. Optical Squares.	"	14	3	42
2. Aboneys levels		L.S.		100
2. Plane Tables		L.S.		60
1. Aneroid Barometer.	"	160	1	160
1. Thermometer	"	18	1	18
2. Ghat Tracers	"	60	2	120
12. Levelling staves	"	40	12	480

36 Ranging Rod.		L.S.		80
5 Pairs of level staff + Stand holders.		do		30
6 measuring chains with arrows.	each	15-	6	90
2. Steel band measuring chains	"	21	2	42
6. Survey Umbrellas.	"	25-	6	150.
(1) Total instruments.				5650
(2). Drawing Office materials such as Scales, Railway Curves, Drawing Boards etc.		L.S.		500
3 Drawing Instrument boxes.		do		170.
(2). Total Drawing materials				670.
(3). Field Tools such as Picks, Mamoties, Crowbars, Hammers etc.		do		200.
Total. (1) + (2) + (3).				6520
Deduct 80% for Scientific Instruments.				4520.
do — 50% Drawing materials				335-
Total deductions				4855-
Balance. Plant-				3483
Cost of boring Tools etc		L.S.		1920 ✓
Total Plant.				5403 B.

C. Establishment (up to end of Septr. 16).

1. Assistant Engineer.	each	11 months	460	1	4950
1. Sub-Assistant Engineer.	"	6½	150	1	975
1. Overseer	"	11	90	1	990
1. Sub-Overseer	"	10	50	1	500
1. do ——	"	9	40	1	360
3. Sub-overseers.	"	9	35	3	945
1. do ——	"	11	35	1	385
3 maistries	"	11	30	3	990
2 do ——	"	8	25	2	400
12 (Limiting number at any time laiscars during 11 months).			Lumpsum		800
1. Accounts' Clerk.	"	11	50	1	550
1. Clerk.	"	6	30	1	180
3. Peons.	"	11	10	3	330

For 15 months beyond September 1916.

1. Assistant Engineer.	"	15	500	1	7500
1. Sub-Assistant Engineer.	"	15	160 50 Allowance	1	3150
1. Overseer.	"	15	90	1	1350
1. Sub-Overseer.	"	15	50	1	750

1. Sub-Overseer.	each	15	45	1	675
2. do ——.	"	15	40	2	1200
2. do ——.	"	15	35	2	1050
3 maistries	"	15	30	3	1350
3 do —.	"	9	30	3	810
1 Accounts' Clerk.	"	15	50	1	750
1. Clerk.	"	15	35	1	525
1 do —	"	15	25	1	375
6 Peons.	"	15	14	6	1260
Special jungle allowance in Shimoga, South and North Canara Districts only for Sub-overseers and maistries for 9 months, of 20% of the pay drawn by the officials irrespective of the usual travelling allowance.				Lumpsum	5·00.
Furniture				do —	9000.
Office accommodation.				do —	400
Medical & Sanitation				do —	500.
Contingencies.				do —	300
C. Total:					1057
					44857.

Add cost of Superintending Engineer's office establishment at 1/9 of the amount of estimate = $\frac{1}{9} \times 54000 - 20,000$ being expenditure already incurred over which the Superintending Engineer had no control.			3778	
Cost of establishment for marine survey.	L.S.		2080	50715 C.
Grand Total.			Rs.	68,298

Abstract: —.

(a). Rs 12180.

(b). Rs 5403.

(c) Rs 50715.

(d) Total Rs. 68298

Ag. Agent.
Mysore State Railways

9/4/17.

20

d/the 16 April 1917.

Letter No.4691 of 1917, from the Under Secretary to the Government of Bombay in the Revenue Department, to the Hon'ble the Resident in Mysore.

With reference to your letter No.1756, dated 5th March 1917, requesting that the usual notification under the Land Acquisition Act may be issued on the subject of the survey of the railway line from Shimoga to Bhatkal, I am directed to forward, for your information, a copy of Government Notification No.7903, dated 12th August 1916, and to state that the Collector of Kanara has been requested to afford every facility to the survey party.

OFFICE OF SECRETARY FOR RAILWAYS & P.W.D. GOVERNMENT OF MYSORE
Rec. No. 2840
5 MAY 1917

No. 1357 & E—1

Mysore Resident's Office,

Bangalore, 4th May 1917.

A copy of the foregoing letter, with its enclosure, is forwarded to the Secretary to the Government of Mysore for Railways, for information, with reference to his letter No.R.S.2645, dated the 1st March 1917.

H. Sr. G. Lucas.

First Assistant Resident.

REVENUE DEPARTMENT.

Bombay Castle, 12th August 1916.

No. 7903.—Whereas it appears to the Governor in Council that land is likely to be needed for a public purpose, viz., for the Mysore and West Coast Railway; it is hereby declared that for this purpose land is likely to be required in the undermentioned tálukas and pethas of the Kánara District :— Kánara District.

Kumta,	Honávar,	Yelápur
Siddápur,	Kárwár,	and
Sirsi,	Ankola,	Haliyál.

This declaration is made under the provisions of section 4 of Act I of 1894 to all whom it may concern, who are hereby warned not to obstruct or interfere with persons employed on the land.

By order of His Excellency the Right Honourable the Governor in Council,

A. F. L. BRAYNE,
Under Secretary to Government.

21

RAILWAY SECRETARIAT.

Abstract of important references received on 5th May **1917**

SERIAL NO.	FROM WHOM	BRIEF ABSTRACT
1	Residency Endorsement No.3517 dated 4th May 1917.	Forwards for information a copy of letter No.134 W-1917 dated the 19th April 1917 from the Government of India, Railway Board to the Agent, Madras and Southern Mahratta Railway Company, confirming the Railway Board's telegram No.134-W-1917 dated the 13th idem conveying sanction to the revised estimate amounting to Rs.95,045 for junction works required at Mysore Station in connection with the Mysore-Arsikere Railway.
2.	Residency Endorsement No.3518 dated 4th May 1917.	Forwards for information a copy of letter No.4691 dated the 14th April 1917 from the Under Secretary to the Government of Bombay in the Revenue Department enclosing a copy of Government Notification No. 7903 dated the 12th August 1916 and stating that the Collector of Kanara has been requested to afford every facility to the party engaged on Shimoga-Bhatkal Survey (Copies attached).

BANGALORE,
5th May 1917.

Ag. *Secretary for Railways,*
Government of Mysore.

Sir M. VISVESVARAYA, K.C.I.E.,

DEWAN OF MYSORE.

GPB—250—3-4-14

Regd No: 2870

Draft

No: Rs 3305 / Cmt dt 8th August 17.

Copy forwarded to the Agency for: for information, with ref: to memo No: A.F. 1379/7 No: 347 dt the 16th February 1917.

for: ag Secr: fr Rus: for Chief

8/5

8/5

23

No. R. S. 3446 / H. 2169 & 10th May '17.

Memo

The Agency Branch is informed that Govt. have sanctioned the extension of time for the Survey work of the Shimoga - Bhatkal Railway upto Septr. 1918 pending Submission of a revised estimate for the work.

2. It is therefore requested that the Submission of the Revised Estimate in question may be now kindly expedited.

3467 / 17.5.17 Copy forwarded, with compliments, to the Comptr. P.W.D. + Ry Branch for information

Asst. Secy. to Govt. 15/5

Ag: Secy. for Ry Bd 16/5

24

No.3749
7C.RO.9.216.

MYSORE STATE RAILWAYS,
Central Office,
Bangalore, 12th June 1917.

6885
31.5.17

To

Major T. H. St. George Tucker,
First Assistant to the Hon'ble
the Resident in Mysore.

No.Rs.626
I Section

Sir,

Submitted to the Dewan of Mysore for favour of approval before issue, with reference to his orders dated the 18th May 1917.

Ag.Secretary for Railways,
Government of Mysore.
30/5

Bangalore,
30th May 1917.

ALM.

Approved with slight changes.
10.6.17

1. - Adverting to Residency endorsement No.3518 dated the 4th May 1917, I am directed to request you will be so good as to convey the thanks of the Durbar to the Government of Bombay for the arrangements made in the matter of affording facilities to the survey party engaged on the Shimoga Bhatkal Railway Survey.

I have, etc.,

Ag.Secretary for Railways,
Government of Mysore.
30/5

Issued
12/6

Noted
12/6/17

25

No. A.G.10546/Sec.1 Agent

Encls Three(3)

WD 070—GPB—5,000—22-4-16

OFFICE OF THE ~~ENGINEER-IN-CHIEF,~~ MYSORE STATE RAILWAYS ~~CONSTRUCTION DEPARTMENT.~~

Bangalore, 18th December *191* 7.

RAILWAY SECRETARIAT No 1616/G-216 Date 19.12.17 GOVERNMENT OF MYSORE

M E M O.

B23

X Flag J

With reference to Secretariat Branch memo No.R.S.3446/Fl.G.216 dated 16-5-1917 forwards a revised estimate amounting to Rs.1,31,726 together with a report for the survey of a metre gauge line from Shimoga to Bhatkal. The Secretariat Branch is requested to obtain and communicate the sanction of Government to the estimate at an early date.

Ag.Agent,

Mysore State Railways.

CSS

To

The Secretariat Branch.

Draft note to Govt is submitted for approval.

20/12

A revised estimate for Shimoga Bhatkal Ry.Survey.

---

1. An estimate amounting to Rs.23,000 was sanctioned in G.O.No.1221-26/Ry.F.216-15-16 dated 5-11-1915 for the survey of a line of Railway from Shimoga to Bhatkal. The length of the line was taken to be 90 miles and the period of survey assumed to be 8 months.

2. These provisions were inadequate and besides wave observations, surveys, sea soundings, and land and sea borings had to be done in the creek and outer bay at Bhatkal and expert advise taken in order to ascertain the possibilities of opening a Harbour.- for all of which there was no provision in the estimate.

3. Sanction of Government for the extension of time for the survey up to September 1918 was communicated in Secretariat Branch Memo No.R.S.3446/Fl.G.216 dated 16-5-1917 and the present estimate covers a period to the end of 1918.

4. The work already done consists of:-

(1) 150 miles of Reconnaisance survey from Shimoga to Bhatkal via Kallurkatte and via Gersoppa Falls alignments.

(2) 85 miles of Preliminary survey from Shimoga to Mahmanje Pass of which 24 miles are in very heavy country.

(3) 12 miles of Preliminary survey from Kogar Pass down the ghat which has now been abandoned in favour of the Bhimeshwar valley alignment.

(4) 36 miles of detailed survey from Shimoga to Anantapur

(5) Investigation of alternative routes.

(6) Preparation of project estimate from Shimoga to Arasalu and from Arasalu to Anantapur.

(7) Preliminary investi ation of Bhatkal Harbour including survey, sea soundings, land and sea borings.

(8) Preliminary proposals for a Hydro-eletric scheme for Bhatkal Port.

5. The works be done are:-

(1) 40 miles of preliminary survey (including two routes from the Bhimeshwar valley) from Melmanje Pass to Bhatkal.

(2) 27 miles of detailed survey from Anantapur to Talaguppe.

(3) 10 Miles of resurvey from Talaguppe and Melmanje Pass.

(4) Estimating costs of the above.

(5) Completing the investigation of Bhatkal Harbour including sea borings and more land borings.

(6) Completing the investigation of the Hydro-electric scheme for Bhatkal Port.

(7) Completing a traffic estimate for the Railway and the Port.

6. The total amount of the revised estimate is Rs.1,31,726.

Ag.Agent,

Mysore State Railways.

25(b)

SHIMOGA BHATKAL RAILWAY SURVEY.

(Including Bhatkal Harbour Investigation.)

	Particulars.	Amount.	Total.	Grand total.
	S. B. R. Survey			
I.	a. Survey expenses. ...	9,860		
	b. Plant including camp equipage.	4,898		
	c. Establishment. ...	75,476		
	Total.		1,02,746	
	BHATKAL HARBOUR INVESTIGATION.			
I.	a. Survey expenses. ...	2,300		
	b. Plant. ...	5,647		
	C. Establishment. ...	21,033		
	Total		28,980	
	GRAND TOTAL.			1,31,726

Ag: Agent,

Mysore State Railways.

18/11/19

Draft

Progs. of the Govt. of His Highness the Maharaja of Mysore.

Rly. Dept.

Read.

Govt. order No. 1221-26 - Rly. F. 216-15-16 dated 5th Nov. 1915, sanctioning an estimate amounting to Rs. 23,000 for the survey of a metre gauge line of Railway from Shimoga to Bhatkal.

2. Note No. R. S. 346 dated 22nd Dec. 1917 from the Secy. for Rys., submitting for sanction a revised Estimate amounting to Rs. 1,31,726 for the Shimoga - Bhatkal Railway and for the Bhatkal Harbour project.

Order thereon -

No. R. S. 3077-83/Rly. F. 216 G. 17-18 dated 9th April 1918.

The accompanying revised estimate amounting

amounting to Rs. 1,31,726
for the survey of the Shimoga
- Bhatkal Railway and
for the Bhatkal Harbour
project is sanctioned.

6/4

Ag: Secy. for Rys.

6.4.18

To,

The Ch: Secy. to govt.
The Secy. to govt., Rev: Dept.
——— do ———, Fin: Dept.
The Comptr. of Imports
——— do ——— for Rys.
The Agent, So. M. Rys.
The Secy, Ry. Committee.

8/4/18

Government of His Highness the Maharaja of Mysore.

RAILWAY DEPARTMENT.

G. O. No. R. S. 3077-3083—Ry. F. G. 216-17-18, dated 9th April 1918.

Shimoga-Bhatkal Railway.

Sanctioning the revised estimate amounting to Rs. 1,31,726 for the survey of the —— and for the Bhatkal Harbour project.

W D 2091—GPB—6-5-18—55

No. R. S. 3077-3083—Ry. F. G. 216-17-18. dated 9th April 1918.

PROCEEDINGS OF THE GOVERNMENT OF HIS HIGHNESS THE MAHARAJA OF MYSORE.

RAILWAY DEPARTMENT.

READ—

Government Order No. 1221-26--Ry. F. 216-15-16, dated 5th November 1915, sanctioning an estimate amounting to Rs. 23,000 for the survey of a metre gauge line of railway from Shimoga to Bhatkal.

2. Note No. R. S. 346, dated 22nd December 1917 from the Secretary for Railways, submitting, for sanction, a revised estimate amounting to Rs. 1,31,726 for the Shimoga-Bhatkal Railway and for the Bhatkal Harbour project.

No. R. S. 3077-3083—Ry. F. G. 216-17-18, dated 9th April 1918.

The accompanying revised estimate amounting to Rs. 1,31,726 for the survey of the Shimoga-Bhatkal Railway and for the Bhatkal Harbour project is sanctioned.

D. G. DANI,
Ag. Secy. for Railways, Govt. of Mysore.

To—The Chief Secretary to Government.
The Secretary to Government, Revenue Department.
The Secretary to Government; Financial Department.
The Comptroller of Mysore.
The Comptroller, Railways.
The Agent, Mysore State Railways.
The Secretary, Railway Committee.

Exd.—C. R.

No. R. S. 3077-3083—Ry. F. G. 216-17-18, dated 9th April 1918.

SHIMOGA-BHATKAL RAILWAY SURVEY.

(Including Bhatkal Harbour Investigation).

Length 118 miles.

Gauge 3' 3⅜"

Revised Estimate.

Period November '15 to December '18

Particulars	Unit	Distance or period	Rate	No.	Cost	Total Cost	Remarks
			Rs.		Rs.	Rs.	
A. Survey Expenses.							
Such as pegs, centre line marking demarkation stones, bench marks survey coolies and lascars, etc.	mile	* 137 Preliminary survey. 73 detailed survey.	40	...	5,480		
			60	...	4,380	9860	
B. Tents.							
One Swiss cottage tent with bath-rooms and portico flap, complete.	each	...	500	1	500	...	
One necessary tent	...	...	30	1	30	...	
Two double ply shooting pals with bath-rooms and durries.	...	...	320	2	640	...	
Two double ply shooting pals without bath-rooms.	...	...	195	2	390	...	
Eight Kabul pals	...	...	150	8	1,200	...	
Fourteen servant pals	...	...	55	14	770	...	
Durries for tents	...	...	Lump sum		100	...	
Total tents ..	...	...	...	...	3,630	...	
Deduct 25% return value of old tents (i. e.).	...	...	...	...	...	...	
Rs.							
One Swiss cottage tent ... 500	...	...	...	...	...	...	
One necessary tent ... 30	...	...	...	...	...	...	
Five Kabul pals 750	...	...	...	...	...	...	
Seven servant pals 385	...	...	...	...	...	...	
1,665	...	...	...	...	420	...	
Deduct 50% return value for new tents.	...	...	...	...	...	...	
Two D. F. shooting pals with bath room 640	...	...	...	...	...	...	
Two D. F. shooting pals without bath-room 390	...	...	...	...	...	...	
Three Kabul pals 450	...	...	...	...	...	...	
Servant pals 385	...	...	...	...	...	...	
Durries L. S. 80	...	...	...	...	...	...	
1,945	...	...	...	...	972	...	
Total deductions ...	...	...	...	...	1,392	...	
Balance tents ...	...	...	...	...	2,238	...	
Plant.—Scientific Instruments, etc.	...	...	...	...	...	...	
Four Theodolites	each	...	550	4	2,200	...	
One Tachometer	,,	...	770	1	770	...	
Eleven Levels	,,	...	350	11	3,850	...	
Five Prismatic compasses ...	,,	...	100	5	500	...	
One Altitude and Prismatic compass ...	,,	...	108	1	108	...	
Four Optical squares	,,	...	14	4	56	...	
Three Abneys	,,	...	L. S.	...	150	...	
Five Plane tables	,,	...	,,	...	150	...	
One Aneroid Barometer	,,	...	160	1	160	...	
One Thermometer	,,	...	18	1	18	...	
Three Ghat Tracers	,,	...	60	3	180	...	
Twenty Levelling staves	,,	...	40	20	800	...	
Sixty Ranging rods	,,	...	L. S.	60	180	...	

*Preliminary Survey.

Shimoga to Melmanje pass		... 85
Kolar pass to Chandemane		... 12
Melmanje to Bhatkal—		
Right side ...	14	
Left side ...	14	... 40
Frontier to Bhatkal	12	
Total		... 137

Detailed Survey.

Shimoga to Anantapur	... 36
Anantapur to Talguppe	... 27
Resurvey at Seravati ...	... 10
Total	... 73

N.S.—Although the survey between Talguppe and Bhatkal is shewn as preliminary survey there is far more work involved in it than in detailed survey between Shimoga and Talguppe.

Final location survey between Talguppe and Bhatkal will have to be undertaken after December 1918.

No. R. S. 3077-3083—Ry. F. G. 216-17-18, dated 9th April 1918.

SHIMOGA-BHATKAL RAILWAY SURVEY.

(Including Bhatkal Harbour Investigation) Length 116 miles.

Gauge 3' 3⅜" Revised Estimate. Period November '15 to December '18

Particulars	Unit	Distance or period	Rate	No.	Cost	Total cost	Remarks
			Rs.		Rs.	Rs.	
14 Measuring chains with arrows	Each	...	15	14	210	...	
2 Steel-band measuring chains	...	...	21	2	42	...	
12 Survey umbrellas	...	...	25	12	300	...	
(1) Total instruments	...	...	...	...	9,674	...	
(2) Drawing office materials—							
Such as scales, Ry. curves, etc.	...	...	L. S.	...	650	...	
4 Drawing instrument boxes	...	...	..	...	300	...	
(2) Total drawing materials	...	...	...	...	950	...	
(3) Field tools, such as picks, mamties, etc.	...	...	...	...	250	...	
Total (1), (2) and (3)	...	...	...	...	10,874	...	
Deduct 80 per cent for scientific instruments.	...	...	...	...	7,739	...	
Deduct 50 per cent for drawing materials.	...	...	...	...	475	...	
Total deduction	...	...	...	...	8,214	...	
Balance plant	...	...	...	...	...	4,898	

(C) ESTABLISHMENT CHARGES.

Designation	No.	Rate of pay	November 1915 to September 1916	October 1916 to September 1917	October 1917 to December 1918	Total months	Cash	Grand Total
		Rs.					Rs.	
Assistant Engineers	1	450	11	9	.....	...	...	...
	...	500	...	3	15	38	18,000	...
Sub-Assistant Engineers	1	170	3½	...	...	..	...	...
	...	190	3	...	...	...	...	...
	...	240	...	3+2=5	...	...	...	...
	...	260	...	3	...	11½	3,145	...
Overseer	1	90	11	5	...	..	...	...
	...	100	...	7	...	..	...	...
	...	120	...	...	15	38	...	...
	1	80	...	...	15	15	...	...
	1	75	...	...	15	15	...	...
	2	60	...	...	15	30	8,065	...
Sub-Overseer	1	50	10	12	15	37	...	...
	1	40	9	12	15	36	...	...
	2	30	9	3	.....	24	...	...
	1	35	9	12	.....	21	...	...
	1	35	11	12	.....	23	...	...
	2	35	...	9	.....	18	...	...
	1	60	...	...	15	15	...	...
	6	45	...	...	15	90	...	...
	2	40	...	...	15	30	42,330	...
Maistries	3	30	8	...	...	24	...	...
	2	25	8	...	...	16	...	...
	1	30	...	10	...	10	...	...
	1	30	...	2	...	2	...	...
	1	30	..	11	...	11	...	...
	1	30	...	9	...	9	...	...
	1	30	...	3½	...	3½	...	...
	3	30	...	...	15	45	...	...
	5	30	...	...	9	45	4,885	...
Accounts clerk	1	50	11	12	15	38	1,900	...
Clerk	1	30	6	12	...	18	...	...
	1	35	..	..	15	15	...	...
	1	25	...	...	15	15	1,440	...
Lascars (limiting number at any time during 11 months).	12	L. S.	11	...	11	11	800	...
Peons	3	10	11	...	...	11	...	...
	6	14	...	12	...	12	...	...
	8	14	...	...	15	15	3,018	...
Sweepers	1	3	...	4	7	11	33	...
Special jungle allowance in Shimoga and South Canara Districts only for Sub-Overseers for 18 months at 20 per cent of the pay drawn by the officials irrespective of the usual travelling allowance.	...	...	...	...	...	...	1,320	...
Travelling allowance for 39 months.	L. S.	...	...	9,000	10,000	39	19,000	...
Furniture	L. S.	...	...	...	...	...	400	...
Office accommodation for 14 months.	60	...	...	...	14	...	840	...
Medical and sanitation	L. S.	...	...	...	...	...	300	...
Total	...	...	...	...	...	...	...	75,476

No. R. S. 3077-3083—F. G. 216-17-18, DATED 9TH APRIL 1918.

(C) ESTABLISHMENT CHARGES.

Designation	No.	Rate of pay	November 15 to September 16	October 16 to September 17	October 17 to December 18	Total months	Cash	Grand Total
		Rs.	Rs.	Rs.	Rs.		Rs.	Rs.
Add contingencies at 5 per cent (a), (b), (c) 9,860 + 4,898 + 75,476 = 90234.	...	...	...	...	...	...	4,512	...
Cost of Superintending Engineer's office establishment at about $\frac{1}{9}$th of the amount of estimate $\frac{1}{9}$th × Rs. 74,000 (less Rs. 20,000 being expenditure incurred before S. E. had control).	...	...	...	...	...	...	8,000	...
Total ...	...	...	...	...	...	...	...	1,02,746

BHATKAL HARBOUR INVESTIGATION.

No.	Particulars	Per	Rate	Quantity	Cost	Total	Remarks
1	SURVEY EXPENSES.		Rs.		Rs.	Rs.	Rs.
	Such as, survey coolies, boring operations coolies and also coolies for probins, pegs, name boards, dagbelling, flags, etc.	...	...	...	2,300	2,300	...
2	PLANT (Boring & Marine Survey).						
	From Messrs. Burn & Co. such as tripods, crab winch, rods, tillers, cast iron pipes, etc.	..	...	..	1,705	...	...
	From Mysore-Arsikere Railway No. 2 Division (one set of boring tools.)	...	...	...	1,000	...	...
	From Messrs. Hajee Abdul Rahiman Sahib & Sons, pipes, hand tools, etc.	...	...	...	302	...	...
	From Mr. Fosbery (as per bill for tools sent from Bombay).	...	...	...	300	...	...
	Hire on tools lent by Bombay Port Trust from 16th April 1917 for a period of one year.	...	...	...	180	...	...
	Miscellaneous accessories and spare parts required for boring operations, such as crowbars, spring hooks, tillers, iron clamps, bolts, nuts, jumpers and manilla ropes.	...	...	...	910	...	...
	Cart hire and transit expenses on above.	..	...	...	300	...	...
	Cost of general repairs required for the plant.	...	...	...	450	...	...
	Total ...	...	...	...	7,447	...	...
	Deduct return value of boring tools amounting to Rs. 3,000 only at 60 per cent.	...	...	...	—1,800	...	...
	Balance net plant ..	...	...	..	...	5,647	...
3	ESTABLISHMENT.						
	Charges from 1st January 1917 to December 1917.	...	...	...	3,700	...	...
	Contingencies at 3 per cent on the above amount Rs. 11,147 to meet telegraph charges and sundry expenses.	...	...	...	333	...	...
	Charges incurred in connection with Sir Frederick Sprott's visit to Bhatkal.	...	...	...	800	...	...
	Professional fees to experts ...	...	...	...	4,000	...	...
	Expenditure incurred on wave observations at Bhatkal.	...	...	...	1,000	..	...
	Cost of completing the investigation of harbour from November 1917 to December 1918.	...	..	...	5,500	...	...
	Pay of Assistant Engineer	...	300	15	4,500	...	...
	Pay of Sea-boring Overseer for 6 months at Rs. 200.	...	200	6	1,200	...	...
	Net amount debitable to Bhatkal Harbour.	...	...	...	21,033	21,033	28,980
	Grand Total ...	...	...	...	...	...	1,31,726

No. 3404-10 D. 2.1 6/19. 27

Progs: of the govt. of His Highness the Maharaja of Mysore.

Ry: Dept.

Read:-

P. 26.

→ G. O. No. R.S. 3077-3483/Ry: F. 216-17-18 of 5th April 1918, sanctioning the revised estimate amounting to Rs. 1,31,726 for the survey of the Shimoga-Bhadrakal Railway, including the investigation of the Bhadrakal Harbour Scheme.

Ry: Secy's note No: 5744 dated 5th April 1919, submitting for sanction a re-revised estimate of Rs. 2,11,677 for the above together with a comparative statement explaining the differences between the original & the revised estimates

Subd

May this appear in Extraordy

May the Supdt. Govt. Press, be asked to supply 75 spare printed copies.

The re-revised Estte (Flag C) will be an enclosure to this order.

Yes
BRR
11-6-19

Ey
9/6

with reasons for the excess.

Order No. 3404-10
R.F. 2169 18 19
dt 26th June 1919.

The accompanying Re-Revised Estimate dt. Rs. 2,11,677, involving an excess of Rs. 79,905 over the first revised Estimate for the Survey of the S. B. Ry, including the investigation of the Bhatkal Harbour Scheme is sanctioned.

2. Steps should be taken to separate the Estimates so as to show the portion debitable to the Harbour project and to the Railway project, individually and not together, as heretofore.

3 There is a provision of Rs. 48,000 in the Revised Budget Estimates for 1918-19 & Rs. 32,300 in the Budget Estimates for 1919-20.

13/6

Secy: to Govt

13/6

BRC 12.6.19

To,

The Asst Secy to Govt.
The Secy to Govt., Rev. Dept
— do — Jail Dept
The Comptr of Mysore.
The Examiner of Accts,
Mysore City.
The Regnt, — do —
The Secy, Ry. Committee

do)

An addl copy may be taken and sent to the X & N. Railway Dy., with reference to his No. 2365 Dy dt. 4th March 19 for information & for favour of separating the two Estimates as directed in the above order in conjunction with Examiner's Dept

3411

BRC 12.6.19

13/6

13/6

27(a)

R.S.1a.)

Railway Secretariat.

Date of issue 4/2/20

Signed by

No. 1406-7 File No. 216

SUBJECT. Extension of the period for the Shimoga-Bhatkal Railway survey work beyond the 31st Dec: 1919.

To.

The Auditor,

Mysore Railways

Sir,

With reference to your letter No. E.A.1398 dated 3rd Dec: 1919, I am directed to communicate the sanction of Government to the extension of the period for the survey of the Shimoga-Bhatkal Railway, as sanctioned in G.O. No. 3404-11/Rg. (R27) dated 6.12.19.

B-I(A) to kindly note.

4/2/20

B.I. A to please note addressed to Agent

noted

ccbs 4/2/20 BRC 7.2.20

B-III(C)

Kindly take 3 copies in all, as one will have to be sent to [illegible] with necessary [illegible]

3/2

by another seven months,
that is, up to 31st
March 1920, for completing
all the Reports, Drawings,
&c, connected therewith.

2. The charges for the
Establishment required
therefor should be
met from the Sanctioned
Rs. 2,500 provided for
this Survey in the Revised
Estimates for 35 Mio: Ry: Expenditure
during the current year.

I have, &c.

BPR 2.2.20
for Chief Engineer &
Chief Supdt. in
Ch: of Ry: Lines

List of Enclosures

Copy forwarded to the
Agent, N.Ry: for info-
rmation & direct that
further extensions should
not be asked for.

Copied by.....

Examined by.....

BPR 2.2.20
for Chief Engineer &
Chief Supdt. in Ch: of Ry: Lines

GOVERNMENT OF HIS HIGHNESS THE MAHARAJA OF MYSORE.

No. P.C. 68/RJ

General and Revenue Secretariat,

Dated Bangalore,.....22.....March.....1950.

FROM

The Secretary to the Government of Mysore,
Railway Department, Bangalore.

To

The Chief Auditor,
Mysore State Railway, Mysore.

Through The Financial Secretary to the Government of Mysore.

SIR,

War and Victory Bonus to officers of Government whose services are lent to Railway Department.

With reference to your letter No. EA.Ry.1199-1200, dated the 7th March 1950, on the above subject, addressed to the Comptroller to the Government of Mysore, and copied to this office, I am directed to state that your objection to pass the bill for two months pay as "war and victory bonus" due to Janab Syed Abdul Jaleel, Sri H. Rama Rao, and Sri K. L. Hiriyanna as claimed in the bill sent to you for audit and payment has been already considered by Government before issuing order No. R.S.2836, dated the 18th January 1950 and to request you to be so good as to arrange payment to the party direct through the pay clerk of the full amount of the two months pay instead of one month's pay as intimated by you.

Yours faithfully,

Sd: B. H. Sreekantiah

For Secretary to Government,
Railway Department.

Memo No. P.C. 69/RJ

Copy of the above is forwarded with compliments to the Comptroller to the Government of Mysore, Bangalore, for information.

B.H. Sreekantiah 22/3

Secretary to Government,
Railway Department.

Bangalore,

22nd March 1950.